index and option market yearbook

1982

containing

Daily price ranges from January through December 1982 for contracts traded on the Index and Option Market division of the Chicago Mercantile Exchange and various cash market and statistical information.

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THE INDEX AND OPTION MARKET

The IOM Division of the Chicago Mercantile Exchange was organized to expand the Exchange's role as the premier marketplace for trading futures in financial instruments while diversifying into options trading in both the agricultural and financial areas.

The Exchange was founded in 1919 by the Chicago Butter and Egg Board, which provided a cash market in those two commodities. The intent was to establish futures markets in these and other agricultural futures contracts, while continuing cash trade in butter and eggs. By 1972, successful futures were being traded in slaughter and feeder cattle, live hogs, and frozen pork bellies (raw material for bacon), among other agricultural products.

The Birth of Financial Futures

The opening of the International Monetary Market by the Exchange May 16, 1972 revolutionized the futures industry as seven successful contracts in foreign currencies were introduced. Other successful futures were added in gold bullion, government debt (U.S. Treasury bills), and in private debt (domestic certificates of deposit and Eurodollar time deposits)—all in competition with other futures markets.

The IOM is Born

After the Commodity Futures Trading Commission (CFTC), the Federal regulatory agency, granted permission to futures exchanges on December 3, 1981 to trade options on a trial basis, the CME organized the Index and Option Market.

This new division was activated April 21, 1982, and the Exchange entered the world of equity related products with the listing of futures in the Standard & Poor's 500 Stock Price Index. The S&P futures contract quickly shattered all existing records for trading activity in a new product. By the end of 1982, a little more than eight months after it opened, the contract had traded 2.9-million contracts. By its first birthday, the figure had risen to more than 5 million.

At the year-end, plans were under way to add sub-indexes of the over-all S&P, and options on S&P 500 futures began trading January 28, 1983. Shortly thereafter, negotiations began for a reciprocal agreement under which the IOM would trade futures and the Chicago Board Options Exchange would trade options on matching instruments. The first would be the popular CBOE 100 Index options contract consisting of 100 individual stocks on which the CBOE provides options. The contract would be renamed the S&P 100 Index, and futures would be traded on the IOM.

Significance

Futures exchanges have thrived in the United States because they could provide hedging protection against adverse price movements to producers, processors, and large users of agricultural commodities. The IMM opened the gates to similar protection for money managers who faced risk from changes in foreign exchange rates and in yield on debt instruments.

The listing of futures trading in stock indexes provided the same kind of insurance, through hedging, to managers of diversified funds and stock portfolios, individual investors in stocks, underwriters of new stock issues, and other investment managers.

Membership

The Exchange had formed the Associate Mercantile Market Division (AMM) in 1976 for the trading of futures in lightly traded agricultural commodities. With the advent of the IOM, the AMM was phased out, and of the 150 AMM members, 123 converted their seats to the IOM. Random-length lumber, the most active AMM contract, was moved to the IOM. Members of the CME and the IMM as well as AMM converters to the IOM were granted IOM trading privileges and were permitted to purchase IOM memberships at $30,000 each. The 1,039 seats sold under this plan were frozen until the first anniversary of the IOM activation, when many were sold at prices well above the original purchase price, or were leased or transferred to qualified users. Furthermore, the Exchange created and sold to qualified individuals an additional 125 IOM memberships for $60,000 by January 26, 1983.

Meanwhile, the 1,300 members of the Exchange as of April 28, 1981, voted 87 percent in favor of an expansion program mandating the distribution of a membership right (MR) to each full member. An MR was worth one-quarter of a full membership and could be (1) sold or bought in the open market between other members or the public, (2) privately sold or transferred between each other, of (3) leased. An MR permitted trading rights in designated, less active contracts. The owner of two or three MRs gained additional trading privileges, and the owner of four could gain full membership and full trading rights. The objective was to increase over-all membership by 25 percent over four years from 1,300 to 1,625. By the end of 1982, about two-thirds of the MRs had been converted to full memberships. This made the grand total for the CME and its divisions 1,575 full members, plus 442 unconverted MRs or a potential of 110 full members by 1985, plus 1,039 IOM memberships that may be sold, transferred or leased beginning in April of 1983. The long-range potential is for 2,724 full members, compared to the 500 limit in early 1972.

Building Expansion

The growth of membership from 500 in 1972, to promote and manage the flow of new contracts and increased activity in many listings, has dictated the need for ever-larger facilities over the years.

In 1928, the Exchange moved operations from the Marine Building at 136 West Lake Street to a modern high-rise structure at 110 N. Franklin Street. The trading floor at the latter site was expanded in the late 1960s, but still was overcrowded.

Another move came in 1972 to a new, much larger trading hall at 444 West Jackson Boulevard abutting the 222 South Riverside Plaza 35-story office building, where staff and member-firm offices are located. It was anticipated that the 22,500-square-foot trading hall would accomodate 15 to 20 years of growth, but a 9,000-square-foot expansion was necessary just seven years later.

As membership, trading activity, and new contracts continued to strain facilities, still another move was projected for late 1983. The Chicago Mercantile Center at 10 and 30 South Wacker Drive will feature a main trading hall of world-record dimensions for clear-span trading area — 39,000 square feet. Above it will be an auxiliary trading facility of 31,000 square feet, with both trading floors featuring the latest in high-technology communication equipment. When completed, the complex will be flanked by two 40-story office towers for staff, member firms, and outside business, professional, and commercial tenants.

Trading Volume

Trading activity virtually ceased during World War II because of price controls, and annual volume was under 250,000 contracts as recently as 1964. By 1967 (the CME's 48th year), however, it broke the million-contract barrier with 1.4 million. In 1972, 4.7-million contracts changed hands, including 144,928 on the fledging IMM.

In 1977, the 7.9 million contracts traded — 1.8 million on the IMM — triggered a quantum leap that established six successive annual records.

That 1977 record total quadrupled to 33.6 million contracts in 1982, including 18.7 million on the IMM. The CME's share of total volume on the 11. U.S. futures markets rose to 30 percent from 25 percent a year earlier. Its 9-million contract gain represented 65.2 percent of the over-all industry increase over 1981. Paced by August with 3.4 million contracts traded, 1982 witnessed the top 10 volume months in CME history. Eleven individual contracts set full-year records.

The IOM, in a little more than eight months, traded nearly 3.5 million contracts, 2.9 million in S&P futures, and over 500,000 in lumber. It is anticipated that these impressive figures will be dwarfed in years to come as the equity market learns more about futures and options, and new instruments are added to the IOM.

Rules and Regulations

The CME is strictly regulated by the Commodity Futures Trading Commission (CFTC) of the Federal Government and by a Board of Governors, with assistance from a large and active Department of Law and Compliance and appropriate Exchange committees made up of members. Because the Exchange has been designated a contract market in accordance with the Commodity Exchange Act, as amended in 1974, members are required to comply with all provisions of the Act. Reports are filed regularly, as stipulated by the CFTC.

The CME played a major role in the development of the National Futures Association (NFA) which, like the National Association of Security Dealers (NASD), is an industry self-regulatory agency with more than 1,000 members. It was activated October 1, 1982, and has headquarters in Chicago. The CFTC retains regulation of the exchanges, floor traders, floor broker, and registered representatives of brokerage houses, and also oversees the NFA. The NFA has superseded the CFTC, however, in the auditing of brokerage firms and in the registration and surveilance of brokerage firms, commodity pool operators, commodity trading advisors, and introducing-brokers affiliated with commodity brokerage firms.

The Chicago Mercantile Exchange's Board of Governors formulates and enforces rules and regulations controlling all operations, and provides contract specifications, including revisions in existing specifications, subject to government approval. The Board is designated to consist of 24 members of whom 12 are elected from the membership of the CME, four from the IMM, and two from the IOM, with six governors (three public, three industry) appointed by the chairman, who must be a member of the CME.

IOM Contract Changes

In order to keep its contract specifications abreast of industry practicers and thereby make the contracts more useful to the industries the Exchange serves, various methods are used. Contract specifications are altered only after consultation with industry leaders by way of special advisory committees or other contact, study by the Exchange research and marketing departments, and consideration by the appropriate Exchange committees and the Board of Governors. Proposed amendments are then submitted to the CFTC for approval. Rule changes applicable to 1982 and subsequent contracts are noted in the texts of Rules and Specifications in Section One, which follows.

The Exchange welcomes visits from organizations and groups and will provide literature dealing with the functions of the Exchange as well as a guide who will gladly conduct a tour and explain Exchange operations. Reservations must be made in advance.

OFFICERS AND BOARD OF GOVERNORS OF THE CHICAGO MERCANTILE EXCHANGE

—1982—

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SPECIFICATIONS FOR STANDARD & POOR'S 500 STOCK PRICE INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to futures trading in the Standard and Poor's 500 Stock Price Index. The procedures for trading, clearing, settlement, and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATION — Each futures contract shall be valued at $500.00 times the Standard and Poor's 500 Stock Price Index.

TRADING MONTHS — Futures contracts shall be scheduled for delivery in such months as may be determined by the Board of Governors, subject to the requirement that all such determinations and other actions implementing such determinations be submitted to the Commodity Futures Trading Commission in accordance with the provisions of Section 5a(12) of the Commodity Exchange Act and all regulations thereunder.

TICKER SYMBOL — SP

TRADING HOURS — 9:00 a.m. to 3:15 p.m.

TRADING UNIT — The unit of trading shall be $500.00 times the Standard and Poor's 500 Stock Price Index.

MINIMUM INCREMENTS — Bids and offers shall be quoted in terms of the Standard and Poor's 500 Stock Price Index. The minimum fluctuation of the futures contract shall be .05 index points, equivalent to $25.00 per contract.

DAILY LIMITS — There shall be no trading at a level more than 3.00 index points (Effective July 6, 1982: 5.00 index points) above or below the preceding day's settlement except as provided by expanded daily limits rule and except that there shall be no limit in the spot month and in the succeeding contract month beginning on the last day of trading of the spot month. In the event there is no interim spot month, a regular month (i.e., March, June, September or December) will not trade without limits until the first business day of that month.

EXPANDED DAILY LIMITS — Whenever on two successive days any contract month closes at the normal daily limit in the same direction (not necessarily the same contract month on both days) an expanded daily limit schedule shall go into effect as follows:

1. The third day's limit in all contract months shall be 150% of the normal daily limit.
2. If any contract month closes at its expanded daily limit on the third day in the same direction, then the fourth day's expanded daily limit shall be 200% of the normal daily limit.
3. If any contract month closes at its expanded daily limit on the fourth day in the same direction then there shall be no daily limit for said contract on the fifth day.
4. On the sixth day of the foregoing progression, the normal daily limit shall be reinstated.
5. Whenever the foregoing daily limit schedule is in effect and no contract month closes at the limit in the same direction with initiated the expanded schedule, then the normal daily limit shall be reinstated on the following day.

REMOVAL OF DAILY AND EXPANDED LIMITS — Effective January 28, 1983, the S & P 500 Stock Index Futures shall trade without limits.

SETTLEMENT PRICE — The Settlement Price may be outside of the day's High/Low range, and/or may be different from the midpoint of the Closing Range, per C.M.E. Rule 813.

POSITION LIMITS — A person shall not own or control more than 5,000 contracts net long or net short in all contract months combined.

ACCUMULATION OF POSITIONS — For purposes of this rule, the position of all accounts owned or controlled by a person or persons acting in concert or in which such person or persons have a proprietary or beneficial interest shall be cumulated.

EXEMPTIONS — The foregoing position limits shall not apply to bona fide hedge positions meeting the requirements of Regulations of the CFTC and the rules of the Exchange, and shall not apply to arbitrage positions and inter-commodity spread positions subject to Exchange rules.

TERMINATION OF TRADING — Futures trading shall terminate on the thrid Thursday of the contract month. If the closing quotation for the Standard and Poor's 500 Stock Price Index is not published on that day, or that day is not an Exchange business day, futures trading shall terminate on the next business day for which a closing quotation of the Index is published. EFFECTIVE WITH JUNE 1984 AND SUBSEQUENT CONTRACT MONTHS: Futures trading shall terminate on the third Friday of the contract month and, if that day is not an Exchange business day the first preceding business day for which a closing quotation of the Index is published.

CONTRACT MODIFICATIONS — Specifications shall be fixed as of the first day of trading of a contract. If any U.S. Governmental agency or body issues an order, ruling, directive or law that conflicts with the requirements of these rules, such order, ruling, directive, or law shall be construed to take precedence and become part of these rules, and all open and new contracts shall be subject to such government orders.

DELIVERY — Delivery under the Standard and Poor's 500 Stock Price Index Futures contract shall be by cash settlement.

FINAL SETTLEMENT PRICE — The final settlement price shall be the closing quotation of the Standard and Poor's 500 Stock Price Index on the last day of trading.

CASH SETTLEMENT — Clearing members holding open positions in a Standard and Poor's 500 Stock Price Index futures contract at the time of termination of trading in that contract shall make payment to or receive payment from the Clearing House in accordance with normal variation margin procedures based on a settlement price equal to the final settlement price.

EMERGENCIES, ACTS OF GOD, ACTS OF GOVERNMENT — If delivery or acceptance or any precondition or requirement of either is prevented by a strike, fire, accident, action of government or act of God, the seller or buyer shall immediately notify the Exchange President. If the President determines that emergency action may be necessary, he shall call a special meeting of the Board of Governors and arrange for the presentation of evidence respecting the emergency condition. If the Board determines that an emergency exists, it shall take such action as it deems necessary under the circumstances and its decision shall be binding upon all parties to the contract.

FAILURE TO PERFORM — If a clearing member fails to perform all acts required by this chapter, then that clearing member shall be deemed as failing to perform which may be punishable as a major violation. The Board shall determine and assess losses sustained, taking into account the settlement price, interest earnings foregone, and such other factors as it deems appropriate. The Board may also assess such penalties as it deems appropriate in addition to damages.

SPECIFICATIONS FOR RANDOM LENGTH LUMBER FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to futures trading of "S-Dry" random length lumber. The procedure for trading, clearing, inspection, delivery, settlement and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATIONS — Each delivery unit shall consist of nominal 2x4's of random lengths from 8 feet to 20 feet, Each delivery unit shall consist of and be grade stamped CONSTRUCTION and STANDARD, STANDARD AND BETTER, or #1 and #2; however, in no case may the quantity of Standard grade or #2 grade exceed 50%. Each delivery unit shall be manufactured in California, Idaho, Montana, Nevada, Oregon, Washington, Wyoming or Alberta or British Columbia, Canada, and contain lumber produced from and grade stamped Alpine Fir, Englemann Spruce, Hem-Fir, Lodgepole Pine and/or Spruce-Pine-Fir.

TRADING MONTHS — Futures contracts shall be scheduled for delivery in such months as may be determined by the Board of Governors.

TRADING UNIT — The unit of trading shall be 130,000 board feet.

TICKER SYMBOL — LB

TRADING HOURS — 9:00 a.m. to 1:05 p.m.

PRICE INCREMENTS — Minimum price fluctations shall be $0.10 per thousand board feet.

DAILY PRICE LIMITS — There shall be no trading at a price more than $5.00 per thousand board feet above or below the previous day's settlement price.

SPECULATION POSITION LIMITS — No person may carry, control, or have a proprietary interest in more than a total of 1,000 lumber contracts, with a maximum of 300 in any one contract month.

ACCUMULATION OF POSITIONS — The positions of all accounts owned or controlled by a person or persons acting in concert or in which such person or persons have a proprietary or beneficial interest shall be cumulated. The total position of each account in which a person has more than a nominal interest shall also be cumulated and added to other positions attributable to that person.

BONA FIDE HEDGES — The foregoing limits shall not apply to bona fide hedging transactions meeting the requirements of the Commodity Exchange Act and the rules of the Exchange.

TERMINATION OF TRADING — Trading in lumber shall terminate on the business day immediately preceding the 16th calendar day of the month.

CONTRACT MODIFICATIONS — Specifications shall be fixed as of the first day of trading of a contract except that all deliveries must conform to government regulations in force at the time of delivery. If any federal agency issues an order, ruling, directive or law that conflicts with the requirements of these rules, such order, ruling, directive or law shall be construced to take precedence and become part of these rules and all open and new contracts shall be subject to such government orders.

DELIVERY PROCEDURES — In addition to the procedures and requirements of Exchange rules, the following shall specifically apply to the delivery of lumber.

NOTICE OF INTENT TO DELIVER — Seller shall give his Notice of Intent to Deliver to the Clearing House prior to 7:00 a.m. on any business day after termination of trading in the contract month, except that on the last business day of the month the notice shall be given prior to 12:00 noon.

BUYER'S DUTIES — The clearing member assigned the Notice of Intent shall deposit with the Clearing House no later than 10:00 A.M. on the following business day a certified or cashiers check in an amount sufficient to meet the cost of delivery; that is, the product of 130 times the settlement price at the close of trading.

The buyer shall within two business days of receipt of the Notice of Intent submit shipping instructions, to include consignee, point of destination and routing acceptable to the originating carrier.

SELLER'S DUTIES — If the buyer's designated destination is east of the western boundaries of North Dakota, South Dakota, Nebraska, Kansas, Texas and Oklahoma, and the western boundary of Manitoba, Canada, the seller shall follow the buyer's shipping instructions within seven (7) business days after receipt of such instructions. In addition, the seller shall prepay the actual freight charges and bill the buyer through the Clearing House on the weight basis of 1,800 pounds per thousand board feet and the rate basis of either the lowest published frieght rate in the rate class available to the shipping mill, from Portland, Oregon to the buyer's destination or the actual freight rate prepaid by the seller, whichever is lower,

Effective May 1982 contract: if the buyer's designated destination is east of the western boundaries of North Dakota, South Dakota, Nebraska, Kansas, Texas and Oklahoma, and the western boundary of Manitoba, Canada, the seller shall follow the buyer's shipping instructions within 7 business days after receipt of such instructions. In addition, the seller shall prepay the actual frieght charges and bill the buyer through the Clearing House on the weight basis of 1,800 pounds per thousand board feet and either (1), if a United States origin, the rate basis of either the lowest published freight rate, in the rate class available to the shipping mill, from Portland, Oregon, to the buyer's destination or the actual freight rate prepaid by the seller, whichever is lower, or (2), if a Canadian origin, the rate basis of either the lowest published freight rate, in the rate class available to the shipping mill, from Vancouver, British Columbia, to the buyer's destination or the actual freight rate prepaid by the seller, whichever is lower. *(Clarification: Specific rate classes (i.e., classes not available on all carriers serving an area) out of Portland or Vancouver, whichever is the relevant basing point for the delivering mill, should not be used for billing unless they are also available to the mill, are consistent with the buyer's shipping instructions and are consistent with the actual weight shipped and the type of car utilized.)*

If, however, the buyer's destination is outside of the aforementioned area, the seller shall follow the same precedure except that the freight charge shall be negotiated between the buyer and seller in accordance with industry practice.

If within two (2) business days of the receipt of the Notice of Intent the buyer has not designated a destination or if during that time the buyer and seller fail to agree on a negotiated freight charge, the seller may treat the destination as Chicago, Illinois. If the buyer does not designate a carrier or routing, the seller shall select same according to normal trade practices. Seller shall protect the lowest freight rate or load cars to the full visible capacity.

To effectuate delivery, the seller must deposit with the Clearing House a Delivery Notice, a uniform straight bill of lading and a shipper's manifest showing grade, a tally of pieces of each length, board feet by sizes and total board feet. All of the foregoing documents must be received by the Clearing House postmarked within 14 business days of the date of receipt of shipping instructions.

In addition, within 1 business day of acceptance by the railroad, the Clearing House must receive a telegram, telex, or telephone call from the seller giving car numbers, piece count by length, unit size, total board footage, and date of acceptance.

If the seller fails to fulfill any of the aforementioned duties within the prescribed time, penalties shall be assessed by the Clearing House Manager in accordance with the current penalty schedule.

PAYMENT — Upon the seller's fulfillment of the delivery the Clearing House shall transfer to him the amount due, payment to be made in U.S. dollars. Any government duties, fees, and charges from Canada shall be the responsibility of the shipper. Title shall pass to the buyer at the shipping point upon acceptance by the railroad, evidenced by signed and stamped bills of lading of the loaded railcars which are being shipped in satisfaction of the delivery. *(Clarification: The phrase "payment to be made in U.S. dollars" means that the "lowest published freight rate" and " the actual freight rate prepaid by the seller" are denominated in U.S. dollars with no exchange rate adjustment. The seller may not, however, bill the buyer for any surcharge for prepayment in Canadian dollars).*

PAR DELIVERY UNIT AND SUBSTITUTIONS — Delivery shall be made on track at the producing mill. The lumber shall be paper-wrapped and loaded on flat cars. *(Clarification: the term paper-wrapped is considered as a generic term which includes both poly and paper wrapping and their industry recognized equivalents.)* Cars shall be packed as close to equal as possible.

1. Size—

A delivery unit shall be 130,000 board feet of random length 2x4's provided the tally is within the following limits:

Length	Percent of Total Board Feet Delivered
8′	3% to 10%
10′	5% to 12%
12′	10% to 20%
14′	10% to 24%
16′	35% to 60%
18′	0% to 15%
20′	0% to 15%
16′ + 18′ + 20′	45% to 60%

(Clarification: If one or more banded units or individual pieces are to be deleted from the delivery unit in order to meet tally specifications, the buyer shall retain title to such lumber but shall not be billed for either the lumber which is to be disregarded or for the frieght associated with it. The seller must, in such cases, report both the actual tally and the adjusted tally to the Clearing House. A seller may not meet contract specifications by "pencil trimming" of lengths, i.e., assuming that a 20′ piece is only an 18′ piece.)

The lumber shall be double end trimmed, surfaced four sides, eased edge and of minimum dressed dimensions, as specified in Voluntary Product Standard 20-70, *American Softwood Lumber Standard,* published by the United State Department of Commerce (hereinafter referred to as PS 20-70).

2. Packaging—

The lumber shall be unitized; that is steel banded. In addition, all units shall contain lumber of equal lengths, except 18 foot and 20 foot lengths which may be banded together. The units shall be individually paper-wrapped.

3. Quality—

The lumber shall meet the requirements of PS 20-70 and shall comply with the requirements for inspection and reinspection of an agency recognized by the American Lumber Standards Committee and/or Canadian Lumber Standards Committee.

4. Moisture Content—

The moisture content of each piece shall not exceed 19% as determined by moisture meter readings in accordance with the "Standard Methods of Tests for Moisture Content of Wood, 'Section 9, Methods B of the American Society for Testing Material Standard, D2016-65.

5. Marking—

All pieces shall be grade marked with the registered symbol of an agency recognized by the American Lumber Standards Committee and/or Canadian Lumber Standards Committee. All pieces shall be marked with the mill name and/or association identification number, grade, seasoning and species according to the stamping requirements of the Certified Inspection angency, and shall meet all other requirements of state and federal law.

VARIATIONS IN QUANTITY—Variations in quantity of the delivery unit between 120,000 and 140,000 board feet shall be permitted without penalty, but payment shall be made on the basis of the exact quantity delivered.

INSPECTION PROCEDURES AND STANDARDS—Inspection shall conform to PS 20-70 and any other requirements that may thereafter be promulgated under PS 20-70. Inspection service and compliance shall be subject to the customary lumber industry practice, as provided in PS 20-70.

In case of claim on grade, moisture content, tally, or manufacture, the buyer shall demand reinspection through the Clearing House to an agency recognized by the American Lumber Standards Committee and/or Canadian Lumber Standards Committee as provided for under the rules of those organizations and PS 20-70. Findings of the reinspection shall be final and binding upon the buyer and seller.

EXCHANGE CERTIFICATE—The Exchange shall issue an Exchange Cerficate which shall conform to Exchange rules.

COSTS OF INSPECTION AND DEMURRAGE—The costs of all original grading and marking, documentation and related service shall be borne by the seller. The cost of reinspection shall be assessed as provided by the agency performing reinspection. The seller shall assume demurrage charges up to the date of shipment. The buyer shall be responsible for any demurrage and diversion charges after shipment. The buyer shall be entitled to one reconsignment.

GENERAL INTERPRETATION—Stockyard(s), Mill(s), Store(s), Warehouse(s), or Plant(s), *Wherever the words Stockyard(s), Mill(s), Store(s), Warehouse(s), or Plant(s), appear within these Rules regarding the delivery of Exchange contracts, they are understood to be approved.*

INDEX AND OPTION MARKET CONTRACT HISTORY

STANDARD & POOR'S 500 STOCK INDEX FUTURES

First Day Trading
April 21, 1982

Contract Size
$500 Times S & P 500
Stock Price Index

Normal Daily Price Limit
300
500 (7/06/82)
No Limit (1/28/83)

Trading Hours
9:00 a.m. - 3:15 p.m.

First Day Volume
3,963

First Day Open Interest
516

Record Day
41,761 (12/01/82)

Record Day Open Interest
16,811 (12/01/82)

Record High Futures Price
148.70B; Sep 1983; 11/10/82

Record Low Futures Price
101.15; Sep 1982; 8/09/82

STANDARD & POOR'S 500 STOCK INDEX OPTIONS

First Day Trading
January 28, 1983

Contract Size
One S & P 500 Stock Index
Futures Contract of the
Specified Contract Month

Normal Daily Price Limit
No Limit

Trading Hours
9:00 a.m. - 3:15 p.m.

First Day Volume
1,805 Total Options
1,431 Total Calls
374 Total Puts

First Day Volume
1,283 Total Option
962 Total Calls
321 Total Puts

RANDOM LENGTH LUMBER

First Day Trading
October 1, 1969

Contract Size
40,000 Board feet 2x4's
90,000 White-fir (6/15/70)
90,000 Hem-fir (3/19/71)
100,000 Hem-fir (7/19/71)
130,000 Hem-fir
& SPF (2/01/80)

Normal Daily Price Limit
750 per 1,000 board feet;
minimum fluctuation 0.25
500 per 1,000 board feet;
minimum fluctuation 0.10
(6/15/70)

Trading Hours
9:00 a.m. - 1:05 p.m.

First Day Volume
153

First Day Open Interest
146

Record Day Volume
6,878 (4/24/80)

Record Day Open Interest
14,841 (10/27/80)

Record High Futures Price
287.30; Sep 1979; 8/24/79

Record Low Futures Price
68.25; Jly 1970; 7/14/70

S & P 500 STOCK INDEX FUTURES

Life of Contract Highs and Lows of S & P 500 Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
MAR DELIVERY								
1983#	118.70	(4/21/82)	147.75	(11/10/82)	101.85	(8/09/82)	.....	
JNE DELIVERY								
1982	116.35	(4/21/82)	120.60	(4/26/82)	107.40	(6/17/82)	107.60	(6/17/82)
1983#	110.90	(6/25/82)	148.20B	(11/10/82)	102.50A	(8/09/82)	.....	
SEP DELIVERY								
1982	116.70	(4/21/82)	127.65	(9/22/82)	101.15	(8/09/82)	123.77	(9/16/82)
1983#	123.50	(9/20/82)	148.70B	(11/10/82)	120.70A	(9/30/82)	.....	
DEC DELIVERY								
1982	118.00	(4/21/82)	146.80	(11/10/82)	101.40	(8/09/82)	135.30	(12/16/82)
1983#	138.00	(12/17/82)	147.20B	(12/27/82)	138.00	(12/17/82)	.....	

RANDOM LENGTH LUMBER FUTURES

Lift of Contract Highs and Lows of Random Length Lumber Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
JAN DELIVERY								
1971	83.00	(6/15/70)	85.00	(7/27/70)	75.20	(11/24/70)	84.00	(1/15/71)
1972	112.00	(3/19/71)	116.00	(1/14/72)	90.50	(9/27/71)	115.50	(1/14/72)
1973	114.00	(2/03/72)	169.00	(1/11/73)	104.50	(7/19/72)	160.00	(1/15/73)
1974	157.50	(3/23/73)	157.50	(3/23/73)	105.20	(6/18/73)	127.30	(1/15/74)
1975	165.10	(3/19/74)	168.10	(3/20/74)	98.50	(10/03/74)	103.00	(1/15/75)
1976	155.50	(4/02/75)	163.00	(4/25/75)	116.50	(10/08/75)	142.90	(1/15/76)
1977	172.00	(3/11/76)	187.50	(12/27/76)	149.30	(7/20/76)	167.10	(1/14/77)
1978	190.00	(1/19/77)	215.90	(1/13/78)	174.50	(10/21/77)	215.90	(1/13/78)
1979	190.00	(2/07/78)	246.00	(1/11/79)	177.20	(6/26/78)	237.00	(1/15/79)
1980	196.00	(3/21/79)	251.00	(9/11/79)	196.00	(3/21/79)	205.40	(1/15/80)
1981	214.00	(2/01/80)	226.50	(2/14/80)	146.00	(12/12/80)	161.50	(1/15/81)
1982	235.50	(9/16/80)	245.00B	(11/20/80)	136.10	(10/22/81)	145.90	(1/15/82)
1983#	192.00	(10/05/81)	205.50B	(10/21/81)	139.00	(8/13/82)	.....	
1984#	179.00	(9/16/82)	212.30	(12/27/82)	176.50A	(10/04/82)	.....	
MAR DELIVERY								
1970	78.00	(10/01/69)	93.00	(10/27/69)	70.50	(3/13/70)	70.50	(3/13/70)
1971	85.00	(6/15/70)	107.00	(2/17/71)	78.40A	(10/26/70)	94.00	(3/15/71)
1972	106.00	(5/05/71)	125.80	(2/07/72)	92.50	(9/28/71)	115.70	(3/15/72)
1973	115.50	(4/20/72)	194.70	(3/14/73)	106.50	(7/19/72)	182.50	(3/15/73)
1974	103.00	(6/11/73)	180.00	(3/12/74)	103.00	(6/11/73)	167.50	(3/15/74)
1975	135.30	(5/17/74)	144.50	(6/17/74)	101.70	(10/03/74)	117.70	(3/14/75)
1976	154.50	(6/12/75)	172.50	(1/19/76)	124.40	(10/10/75)	151.10	(3/15/76)
1977	169.50	(6/15/76)	197.30	(12/27/76)	155.60	(7/20/76)	180.00	(3/15/77)
1978	206.50	(4/04/77)	224.50	(2/10/78)	179.50	(10/21/77)	223.00	(3/15/78)
1979	185.00	(4/07/78)	248.70	(2/21/79)	179.50	(5/18/78)	212.80	(3/15/79)
1980	199.20	(4/02/79)	243.90	(10/02/79)	198.50	(4/04/79)	209.00	(3/14/80)
1981	217.50	(2/01/80)	228.10	(2/14/80)	144.60	(3/12/81)	151.50	(3/13/81)
1982	245.00	(11/18/80)	248.00B	(11/20/80)	130.60	(3/02/82)	139.00	(3/15/82)
1983#	198.00	(11/17/81)	209.80	(12/04/81)	146.80	(6/21/82)	.....	
1984#	210.00	(11/17/82)	217.00B	(12/17/82)	205.10A	(12/06/82)	.....	
MAY DELIVERY								
1970	80.00	(10/01/69)	96.00	(10/27/70)	72.50	(5/15/70)	73.75	(5/15/70)
1971	86.50	(6/24/70)	117.00	(2/17/71)	81.30A	(10/26/70)	91.50	(5/14/71)
1972	107.00	(7/19/71)	126.40	(2/07/72)	97.50	(9/21/71)	117.60	(5/15/72)
1973	128.50	(9/18/72)	187.50	(3/20/73)	124.50	(9/19/72)	157.00	(5/15/73)
1974	110.00	(7/10/73)	181.00	(3/12/74)	109.00	(7/21/73)	153.00	(5/15/74)
1975	130.00	(7/08/74)	153.80	(4/25/75)	106.50	(10/03/74)	130.10	(5/15/75)
1976	156.00	(6/12/75)	178.00	(2/17/76)	131.50	(10/02/75)	144.50	(5/14/76)
1977	161.80	(8/27/76)	203.40	(2/18/77)	161.80	(8/27/76)	164.60	(5/13/77)
1978	197.00	(6/01/77)	223.40	(2/10/78)	184.50	(10/21/77)	214.70	(5/15/78)
1979	185.30	(6/05/78)	246.00	(5/15/79)	181.60	(6/27/78)	245.20	(5/15/79)
1980	210.00	(6/01/79)	244.40	(1/29/80)	146.50	(5/15/80)	152.20	(5/15/80)
1981	220.00	(2/01/80)	233.50	(7/21/80)	163.20	(4/03/81)	175.50	(5/15/81)
1982	211.00	(6/10/81)	220.30	(6/15/81)	115.50	(5/13/82)	122.60	(5/14/82)
1983#	201.50	(1/19/82)	203.00B	(1/21/82)	151.50	(6/28/82)	.....	

B-Bid; A-Ask
# As of December 31, 1982

RANDOM LENGTH LUMBER FUTURES

Life of Contract Highs and Lows of Random Length Lumber Futures on the Index and Option Market

JLY DELIVERY

YEAR	OPENED		HIGH		LOW		TERMINATED	
1970	87.00	(10/01/69)	100.00	(10/27/70)	68.25	(7/14/70)	70.25	(7/15/70)
1971	91.80	(8/25/70)	118.20	(7/15/71)	83.50	(10/26/70)	112.40	(7/15/71)
1972	111.50	(7/19/71)	134.50	(6/29/72)	98.50	(9/21/71)	130.00	(7/14/72)
1973	139.00	(10/18/72)	183.50	(3/19/73)	126.00	(11/21/72)	153.50	(7/13/73)
1974	123.90	(10/02/73)	180.20	(3/12/74)	117.00	(12/21/73)	136.10	(7/15/74)
1975	121.00	(9/16/74)	168.00	(4/29/75)	111.00	(10/03/74)	130.80	(7/15/75)
1976	145.00	(9/17/75)	183.30	(2/20/76)	138.00A	(10/01/75)	152.30	(7/15/76)
1977*	164.80	(8/27/76)	210.00	(3/18/77)	164.80	(8/27/76)	173.50	(7/18/77)
1978	201.00	(8/02/77)	227.00	(7/14/78)	188.00	(10/21/77)	227.00	(7/14/78)
1979	191.90	(8/11/78)	247.00	(7/05/79)	182.00	(11/21/78)	239.00	(7/13/79)
1980	214.50	(8/01/79)	243.60	(2/14/80)	164.80	(4/08/80)	195.00	(7/15/80)
1981	191.00	(3/21/80)	239.30	(7/21/80)	169.00A	(4/03/80)	181.00	(7/15/81)
1982	211.00	(6/10/81)	225.00B	(6/17/81)	129.00	(6/04/82)	135.30	(7/15/82)
1983#	195.00	(3/18/82)	202.60	(12/27/82)	158.00A	(6/25/82)	.....	

*Termination of futures trading extended one day

SEP DELIVERY

1970	88.50	(1/29/70)	90.50	(2/20/70)	75.25	(7/14/70)	77.15	(9/15/70)
1971	87.00	(10/21/70)	118.10	(2/18/71)	84.60A	(10/26/70)	103.50	(9/15/71)
1972	103.00	(11/17/71)	148.50	(9/12/72)	103.00	(11/17/71)	146.20	(9/15/72)
1973	128.40	(11/16/72)	173.00	(3/19/73)	116.00	(5/18/73)	162.00	(9/14/73)
1974	138.00	(10/24/73)	173.00	(3/12/74)	111.00	(9/13/74)	111.00	(9/13/74)
1975	133.50	(10/31/74)	164.90	(4/25/75)	118.50	(8/20/75)	125.00	(9/15/75)
1976	156.50	(11/20/75)	182.80	(2/20/76)	146.50	(7/20/76)	169.50	(9/15/76)
1977	191.00	(10/15/76)	228.00	(8/22/77)	180.80	(7/18/77)	206.80	(9/15/77)
1978	207.00	(10/04/77)	249.90	(9/15/78)	186.20	(4/13/78)	249.90	(9/15/78)
1979	200.50	(10/03/78)	287.30	(8/24/79)	179.20	(11/21/78)	265.20	(9/14/79)
1980	230.00	(10/01/79)	245.20	(2/14/80)	169.00	(9/15/80)	169.00	(9/15/80)
1981	223.30	(5/20/80)	240.00	(11/20/80)	137.00	(9/15/81)	137.00	(9/15/81)
1982	219.20	(6/10/81)	229.50	(6/15/81)	123.70	(8/13/82)	127.60	(9/15/82)
1983#	185.50	(5/19/82)	206.40	(12/23/82)	162.80A	(6/25/82)	.....	

NOV DELIVERY

1970	88.50	(1/29/70)	90.50	(2/12/70)	74.50	(11/04/70)	74.50	(11/13/70)
1971	89.90	(1/05/71)	117.00	(2/18/71)	89.40	(1/03/71)	103.10	(11/15/71)
1972	113.50	(12/29/71)	170.30	(10/25/72)	106.60	(7/13/72)	164.50	(11/15/72)
1973	139.20	(2/02/73)	167.40	(3/13/73)	108.60	(7/03/73)	150.00	(11/15/73)
1974	126.00	(1/17/74)	172.40	(2/26/74)	94.60	(10/03/74)	100.00	(11/15/74)
1975	148.90	(1/27/75)	161.20	(4/25/75)	113.50	(10/01/75)	134.80	(11/14/75)
1976	175.00	(1/26/76)	178.00	(2/18/76)	144.80	(7/20/76)	162.10	(11/15/76)
1977	201.00	(12/01/76)	216.90	(8/22/77)	171.60	(10/27/77)	182.60	(11/15/77)
1978	207.00	(12/02/77)	239.80	(10/20/78)	178.00	(6/27/78)	217.50	(11/15/78)
1979	180.00	(12/01/78)	265.00	(10/02/79)	179.30	(12/06/78)	237.10	(11/15/79)
1980	218.00	(12/03/79)	238.90	(2/14/80)	160.00	(11/07/80)	171.00	(11/14/80)
1981	223.00	(7/16/80)	240.60	(7/18/80)	125.50	(10/22/81)	139.60	(11/13/81)
1982	224.00	(7/28/81)	224.50B	(7/28/81)	128.00	(9/30/82)	145.50	(11/15/82)
1983#	172.40	(7/20/82)	207.50	(12/17/82)	168.00A	(8/17/82)	.....	

B-Bid; A-Ask

# As of December 31, 1982

I.O.M. PRICE RANGE HISTORY

Highest/Lowest Price Per Delivery Month

S & P 500 STOCK INDEX FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Futures Price	—	—	147.75	—	—	148.20B	—	—	148.70B	—	—	147.20B	148.70B
Delivery Year	—	—	1983	—	—	1983	—	—	1983	—	—	1983	Sep 1983
Date Reached	—	—	11/10/82	—	—	11/10/82	—	—	11/10/82	—	—	12/27/82	11/10/82
Lowest Futures Price	—	—	101.85	—	—	107.40	—	—	101.15	—	—	101.40	101.15
Delivery Year	—	—	1983	—	—	1982	—	—	1982	—	—	1982	Sep 1982
Date Reached	—	—	8/09/82	—	—	6/17/82	—	—	8/09/82	—	—	8/09/82	8/09/82

RANDOM LENGTH LUMBER FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Futures Price	251.00	—	248.70	—	246.00	—	247.00	—	287.30	—	265.00	—	287.30
Delivery Year	1980	—	1979	—	1979	—	1979	—	1979	—	1979	—	Sep 1979
Date Reached	9/11/79	—	2/21/79	—	5/15/79	—	7/05/79	—	8/24/79	—	10/20/79	—	8/24/79
Lowest Futures Price	75.20	—	70.50	—	72.50	—	68.25	—	75.25	—	74.50	—	68.25
Delivery Year	1971	—	1970	—	1970	—	1970	—	1970	—	1970	—	Jly 1970
Date Reached	11/24/70	—	3/13/70	—	5/15/70	—	7/14/70	—	7/14/70	—	11/04/70	—	7/14/70

B-Bid; A-Ask
As of December 31, 1982

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX FUTURES

JUNE 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Apr	116.35	120.60	116.05	117.50	118.20	....	....	3,998	2,722	26,347	1,295	412	1,295
May	117.10	120.10	110.75	111.00	116.34	....	....	13,321	2,467	113,182	5,187	1,537	3,977
Jne	110.75	112.05	107.40	107.60	109.41	....	....	11,257	9	77,118	4,197	....	....
Year	116.35	120.60	107.40	107.60	114.65	....	....	13,321	9	216,647	5,187	....	....
SEPTEMBER 1982 FUTURES CONTRACT													
Apr	116.70	122.50	116.70	119.20	120.11	....	....	150	50	959	219	74	202
May	118.60	121.10	111.15	111.60	117.09	....	....	1,062	164	9,184	2,378	287	2,378
Jne	111.30	113.45	104.35	111.50	109.35	2	1	13,891	1,682	176,694	7,837	2,930	6,654
Jly	111.50	115.15	106.40	107.35	111.30	....	....	14,711	7,316	222,158	11,678	6,786	10,268
Aug	108.60	119.80	101.15	118.75	109.45	2	....	19,597	9,726	321,546	10,023	7,119	7,119
Sep	119.15	125.50	116.60	123.77	120.22	....	....	14,702	888	85,170	6,990	....	....
Year	116.70	125.50	101.15	123.77	114.59	4	1	19,597	50	815,711	11,678	....	....
DECEMBER 1982 FUTURES CONTRACT													
Apr	118.00	124.20B	117.80	120.60	121.51	....	....	61	1	221	111	27	111
May	120.10	121.90B	111.80	112.05	117.95	....	....	90	11	645	372	110	372
Jne	111.50	113.85	104.60A	111.85	109.71	2	1	1,033	74	7,220	2,820	416	2,820
Jly	111.75	115.90	106.80A	107.94	111.90	....	....	1,447	358	14,360	5,024	2,961	5,024
Aug	109.20	120.30	101.40	119.45	110.08	2	....	3,923	810	51,021	6,396	5,155	6,340
Sep	119.70	127.65	116.95	119.35	122.42	....	....	22,660	4,043	318,059	11,819	6,806	11,189
Oct	119.25	143.00	118.55	134.55	133.21	3	1	27,437	15,177	476,126	13,103	10,564	11,022
Nov	135.00	146.80	131.40	138.65	138.86	2	....	32,042	10,275	488,367	13,398	11,170	12,023
Dec	139.90	145.70	134.75	135.30	139.30	....	....	35,241	78	209,600	11,564	2,929	....
Year	118.00	146.80	101.40	135.30	122.77	9	2	35,241	1	1,565,619	13,398	....	....

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX FUTURES

MARCH 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Apr	118.70	125.00B	118.70	121.60	122.70	....	....	6	....	17	5	3	5
May	121.40	122.70	112.20A	112.70	118.78	....	....	40	....	86	54	5	53
Jne	111.20	114.35	105.20	112.15	110.21	....	....	30	3	244	127	56	123
Jly	112.25	116.10B	107.50A	108.40	112.41	....	....	28	4	281	180	125	173
Aug	109.90	121.00	101.85	120.05	110.59	2	....	245	6	1,002	349	170	342
Sep	120.10	128.20	117.80	119.80	123.03	....	....	576	28	4,719	1,012	337	1,012
Oct	119.70	143.50	119.05	135.10	133.77	4	1	1,398	321	14,253	1,520	953	1,493
Nov	135.65	147.75	132.30	139.35	139.61	2	....	2,767	658	26,928	4,417	1,574	4,417
Dec	141.50	146.85	134.70	141.80	140.43	1	....	26,625	5,990	285,814	11,667	5,080	10,853
Year	118.70	147.75	101.85	141.80	123.50	9	1	26,625	....	333,344	11,667	3	10,853

JUNE 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jne	110.90	114.80B	110.20A	112.70	112.71	....	....	5	....	6	6	5	6
Jly	111.70	116.50B	107.70A	109.00	112.90	....	....	8	....	26	17	7	17
Aug	110.45	121.30B	102.50A	120.65	111.09	2	....	12	....	77	47	16	39
Sep	119.20	128.80	118.80A	120.30	123.71	....	....	21	....	106	53	20	53
Oct	120.85	144.00B	119.90A	135.65	134.34	3	1	68	....	186	72	43	43
Nov	137.80	148.20B	133.10	139.90	140.24	2	1	43	1	314	126	44	121
Dec	141.40	147.50	135.00	142.45	141.13	2	1	379	11	3,018	693	120	693
Year	110.90	148.20B	102.50A	142.45	125.16	9	3	379	....	3,733	693	5	693

SEPTEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Sep	123.50	128.90B	120.70A	120.70	124.40	....	....	18	....	31	19	....	17
Oct	121.00	144.60B	120.70A	136.20	134.94	2	1	56	....	132	67	29	67
Nov	145.30	148.70B	133.70A	140.50	140.85	2	....	3	....	16	67	40	40
Dec	142.90	147.60B	136.00A	143.00	141.70	2	....	69	....	289	136	46	116
Year	123.50	148.70B	120.70A	143.00	135.47	6	1	69	....	468	136	....	116

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX FUTURES

DECEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Dec	138.00	147.20B	138.00	143.50	142.82	1	....	5	....	10	9	....	9
Year	138.00	147.20B	138.00	143.50	142.82	1	....	5	....	10	9	....	9

RANDOM LENGTH LUMBER FUTURES

JANUARY 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	146.50	152.00	142.60	145.90	146.80	1	....	430	178	2,794	1,352	....	....
Year	146.50	152.00	142.60	145.90	146.80	1	....	430	178	2,794	1,352	....	....

MARCH 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	158.50	160.00	141.10	148.80	151.95	1	2	1,975	933	28,634	3,995	3,307	3,253
Feb	144.30	146.30	133.60	133.70	140.91	1	2	1,522	433	16,595	3,298	1,690	1,690
Mar	134.70	139.50	130.60	139.00	134.84	....	....	713	111	3,725	1,514	....	....
Year	158.50	160.00	130.60	139.00	142.57	2	4	1,975	111	48,954	3,995	....	....

MAY 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	164.50	166.50	147.60	154.00	157.95	....	1	1,179	339	14,650	3,343	1,835	3,280
Feb	149.20	153.10	142.70	142.90	147.81	1	2	2,203	282	21,705	4,081	3,348	3,898
Mar	144.10	151.90	137.50	142.40	143.74	....	....	2,080	466	25,929	4,092	2,895	2,998
Apr	143.50	145.20	120.60	126.80	133.86	1	....	1,491	375	15,442	3,091	1,710	1,710
May	125.50	127.50	115.50	122.60	123.31	1	2	556	142	3,144	1,671	....	....
Year	164.50	166.50	115.50	122.60	141.34	3	5	2,203	142	80,870	4,092	....	....

Section Two

I.O.M. CONTRACTS DAILY PRICE RANGES

S & P 500 STOCK INDEX FUTURES PRICES

Daily price range, volume and open interest on the Index and Option Market
(S & P 500—$500.00 times Standard and Poor's 500 Stock Price Index)

JUNE 1982 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Sett Price ##	Volume (Trades Cleared)	Open Interest
21....	116.35@.25	#117.60	*116.05	117.45@ 50	117.45	3696	412
22....	117.00@.10	#118.40	117.00	118.00@1 .7.85	117.90	2827	719
23....	118.35@.30	#119.75	118.25	119.65@.70	119.65	2933	946
26....	119.30@.25	#120.60	118.65	120.55@.60	120.55	2871	1084
27....	120.20	120.35	118.40	118.80@.85	118.85	3854	1142
28....	118.55@.60	119.30	117.70	118.10@.15	118.15	3998	1306
29....	117.50@.45	118.15	117.25	117.55@.60	117.60	3446	1219
30....	117.55@.70	118.40	117.40	117.45@.55	117.50	2722	1295
IN MAY							
3....	117.10@.15	117.50	116.80	117.20@.10	117.15	2695	1585
4....	117.25@.35	118.05	117.25	117.85@.75	117.80	2467	1537
5....	117.85@118.00	118.30	117.05	117.55@.50	117.55	2556	1662
6....	118.05@.15	119.20	118.05	119.10@.15	119.10	4574	2078
7....	119.15@.10	120.10	119.00	119.60@.75	119.65	3715	2128
10....	119.20@.30	119.40	118.45	118.45@.50	118.50	3794	2467
11....	118.45@.35	119.95	118.35	119.65@.75	119.70	4460	2998
12....	119.85@.95	120.35	119.05	119.50@.60	119.55	4798	2655
13....	119.55@.60	119.75	118.15	118.30@.40	118.35	4736	2935
14....	118.55@.70	118.75	118.10	118.25@.35	118.30	3748	2751
17....	118.15@.05	118.15	116.50	116.50@.65	116.60	3973	2929
18....	116.60	116.70	*115.75	116.00@115.95	116.00	6090	3399
19....	115.95@116.05	116.35	*114.45	114.60@.70	114.65	6686	3732
20....	114.85@.95	115.20	*114.15	114.90@115.00	114.95	7539	4858
21....	115.25@.20	115.60	114.75	114.85@.90	114.90	4763	4697
24....	114.80@.95	115.15	114.15	115.05@114.95	115.00	4917	4717
25....	115.20@.30	115.65	*113.45	113.70@.75	113.75	13321	5155
26....	114.00@.10	114.10	*112.00	112.55@.45	112.50	11687	5187
27....	112.45@.30	112.60	*111.20	111.90@.80	111.85	9825	3841
28....	111.70@.80	112.50	*110.75	111.20@110.80	111.00	6838	3977
IN JUNE							
1....	110.75@.55	111.20	*109.90	110.00@.10	110.05	7378	4167
2....	110.30@.25	111.75	*109.85	111.55@.60	111.55	7273	4140
3....	111.65@.75	112.05	*109.70	110.45@.55	110.50	8020	3678
4....	110.40@.30	110.45	*108.00	108.20@.00	108.10	7160	3412
7....	108.10@.00	109.85	*107.45	109.00@.15	109.05	9489	4197
8....	108.80@.70	109.95	107.90	108.60@.40	108.50	11257	3902
9....	108.50@.60	109.10	107.60	108.50@.70	108.60	10188	3948
10....	108.50@.35	109.85	108.25	109.15@.20	109.15	7299	3074
11....	110.20@.40	111.70	110.10	111.40@.50	111.45	4013	2723
14....	110.00@109.95	110.45	108.80	108.85@.95	108.90	2250	2566
15....	109.05@.10	110.00	108.30	109.80@110.00	109.90	1246	2021
16....	109.90	110.20B	108.75	108.95	108.95	1135	1575
17....	108.00	108.25	*107.40	107.65	107.60	401	642
18....	539 Contracts Delivered					9	....

B-Bid; A-Ask; N-Nominal; ##Determined by C.M.E. Rule 813
Italic figures indicate limit high or low price; #New Contract High; *New Contract Low
Note: Volume or Open Interest may be affected by spreads and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries. Exchange holidays and days on which no sales, bids or offers occurred are omitted.

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

JULY 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	176.00	176.00	158.20	164.10	164.14	....	1	372	43	2,796	975	667	938
Feb	160.00	164.40	154.30	154.50	159.17	....	1	708	67	4,226	1,297	939	1,289
Mar	155.80	160.80	147.60	152.70	154.18	....	....	981	262	10,836	1,901	1,297	1,884
Apr	152.70	156.20	133.60	139.50	146.02	1	....	1,847	214	22,264	3,452	1,871	3,322
May	138.80	146.40	132.30	142.80	139.63	....	1	2,187	736	26,680	3,776	3,174	3,214
Jne	139.50	143.50	129.00	137.20	136.93	....	2	1,865	270	21,084	2,883	1,221	1,221
Jly	137.40	143.30	131.00	135.30	138.54	....	....	360	....	2,064	1,129	....	....
Year	176.00	176.00	129.00	135.30	148.37	1	5	2,187	....	89,950	3,776	....	....

SEPTEMBER 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	184.70	184.80	166.90	173.80	176.70	1	1	372	43	1,067	975	667	938
Feb	170.00	171.80	165.00	163.50	167.66	....	1	124	19	1,237	808	673	763
Mar	164.90	168.70	155.30	159.60	162.38	....	1	149	29	2,051	886	777	880
Apr	160.00	163.30	143.40	148.50	154.86	1	....	668	35	4,468	1,2[illegible]5	863	1,207
May	147.50	154.90	142.80	152.40	149.12	....	1	885	147	8,199	1,794	1,236	1,726
Jne	150.50	150.50	131.60	137.30	139.19	1	2	1,545	508	18,609	2,290	1,688	2,287
Jly	137.30	146.40	132.00	132.30	138.54	1	....	2,072	505	20,691	2,703	1,917	1,917
Aug	134.90	138.80	123.70	134.90	132.03	1	....	1,187	149	11,868	1,978	863	863
Sep	135.00	136.50	127.60	127.60	132.83	....	1	171	75	1,238	813	....	....
Year	184.00	184.80	123.70	127.60	150.37	5	7	2,072	19	69,428	2,703	....	....

NOVEMBER 1982 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	184.50	184.50	168.10	173.00	176.81	1	....	93	12	767	673	533	673
Feb	169.00	173.00	166.10A	165.50	168.78	....	1	108	13	893	749	672	728

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

NOVEMBER 1982 FUTURES CONTRACT (Cont'd)

Period	Open	High	Low	Mth End Sett.	Avg Sett	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Mar	166.00	169.80	157.10	160.50	163.47	1	1	122	27	1,325	864	651	672
Apr	161.00	164.30B	146.70	149.40	156.11	1	....	103	19	1,187	693	531	629
May	149.70	158.80	146.00	156.30	152.68	....	....	236	24	1,814	854	631	854
Jne	154.30	154.30	132.60	139.30	141.25	....	3	608	76	5,745	1,314	837	1,273
Jly	139.00	149.50	133.50	135.10	141.16	1	....	768	157	8,879	1,494	1,213	1,494
Aug	137.40	147.80	129.50	142.40	137.63	1	....	1,571	237	16,706	2,806	1,529	2,742
Sep	142.00	144.50	128.00	130.00	135.99	....	....	1,885	345	18,901	2,999	2,440	2,802
Oct	122.00	147.30	131.00	141.30	138.61	2	1	1,669	378	17,619	2,944	1,730	1,730
Nov	142.00	151.00	141.10	145.50	146.00	2	....	589	....	3,712	1,677	....	....
Year	184.50	184.50	128.00	145.50	150.77	8	5	1,885	....	77,548	2,999	....	....

JANUARY 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	192.00	192.00	176.00A	182.30	185.26	....	....	74	8	536	530	464	500
Feb	179.10	180.50	172.20	173.00	176.61	....	2	86	1	467	563	497	556
Mar	175.50	177.00	165.00	168.50	171.00	....	....	88	1	528	561	411	411
Apr	169.00	171.00B	155.00	158.00	163.75	1	....	50	1	384	413	290	366
May	157.00	167.00	153.20	163.20	160.18	....	....	57	2	417	390	359	384
Jne	161.10	161.10	139.10	146.10	148.46	1	3	131	20	1,310	455	374	430
Jly	146.80	156.80	143.50	143.80	148.91	1	....	198	32	2,018	709	428	608
Aug	146.50	156.90	139.00	152.00	146.95	1	....	467	58	5,032	1,146	642	1,146
Sep	151.90	154.90	140.20	141.70	146.63	....	....	725	135	7,764	1,739	1,177	1,739
Oct	143.00	162.00	139.30	159.60	152.58	3	1	1,630	389	23,216	3,669	1,691	3,578
Nov	160.80	171.40	158.40	166.90	165.00	2	....	1,822	765	29,347	4,824	3,763	4,780
Dec	167.90	170.30	159.40	167.50	165.53	....	1	1,998	94	17,877	4,882	2,104	2,104
Year	192.00	192.00	139.00	167.50	160.91	9	7	1,998	1	88,896	4,882	290	2,104

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

MARCH 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	194.00	196.00B	183.00A	188.50	191.10	....	....	4	....	10	9	7	9
Feb	185.00	191.00	182.50A	182.50	186.00	....	1	13	....	35	23	12	21
Mar	183.50	185.00	171.50	177.30	179.10	....	....	24	....	160	55	23	50
Apr	179.30	179.50B	164.10A	167.10	172.16	....	1	37	....	177	80	48	72
May	166.00	172.30B	164.00A	170.00	167.86	....	....	32	....	223	116	71	116
Jne	169.60	169.60	146.80	151.00	155.32	1	1	64	....	363	144	108	143
Jly	157.50	168.50	154.80	158.60	160.88	1	....	40	....	456	182	135	182
Aug	155.00	165.20	147.00	159.00	154.75	2	....	114	....	849	328	151	328
Sep	159.50	162.30	150.20	150.50	155.97	....	....	184	5	1,123	579	322	579
Oct	152.60	172.50	149.10	170.60	163.04	3	1	445	49	4,432	1,235	573	1,235
Nov	172.00	182.60	169.50	178.20	177.12	2	....	798	373	12,082	2,571	1,407	2,571
Dec	179.50	186.10	173.30	182.20	180.67	1	....	1,978	345	20,101	3,955	2,709	3,955
Year	194.00	196.00B	146.80	182.20	170.33	10	4	1,978	....	40,011	3,955	7	3,955

MAY 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	201.50	203.00B	191.00A	197.40	196.55	....	....	8	....	14	9	1	9
Feb	194.00	197.40	190.00A	190.00	193.72	....	1	13	....	35	37	20	37
Mar	191.00	192.70	180.00A	185.00	186.51	....	1	15	....	130	75	39	75
Apr	185.50	186.50B	172.00A	174.00	179.54	....	....	20	....	102	85	69	85
May	172.50	178.40	170.00A	175.50	173.69	....	....	30	....	171	131	83	129
Jne	170.50	171.00B	151.50	157.00	160.77	1	2	36	....	217	150	124	134
Jly	157.50	168.50	154.80	158.60	160.88	1	....	40	....	204	182	135	182

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

MAY 1983 FUTURES CONTRACT (Cont'd)

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Aug	160.00	170.90	155.20	166.00	161.98	1	....	55	2	440	242	183	221
Sep	165.30	169.30	157.60	159.70	164.58	....	....	35	....	274	238	214	214
Oct	160.50	179.60	157.90	178.70	171.98	....	1	124	9	1,240	535	223	535
Nov	179.20	191.70	178.60	185.90	185.66	2	....	269	74	3,119	1,125	575	1,120
Dec	186.50	195.30	181.10	191.00	189.11	1	....	474	58	3,562	1,512	1,134	1,512
Year	201.50	203.00B	151.50	191.00	177.08	6	....	474	....	9,508	1,512	1	1,512
JULY 1983 FUTURES CONTRACT													
Mar	195.00	201.00	193.50A	193.50	196.25	....	....	11	....	33	20	1	20
Apr	194.30	194.70	180.50	183.30	187.98	....	1	19	....	92	73	20	69
May	182.30	185.50	176.30	183.00	180.84	....	1	19	....	158	140	69	140
Jne	182.80	182.80	158.00A	162.80	168.19	1	3	24	....	154	149	129	142
Jly	165.50	174.80	161.00A	165.90	167.44	1	....	47	....	152	210	133	210
Aug	167.50	177.00	162.00	170.50	169.09	1	1	41	....	287	289	221	289
Sep	172.00	176.50B	165.00	166.70	172.40	....	....	74	2	361	449	292	449
Oct	168.00	187.50	165.50	186.90	180.42	....	....	75	5	678	651	450	651
Nov	187.40	198.50	187.30	194.50	193.76	2	....	127	25	1,476	984	669	984
Dec	194.50	202.60	191.00	200.10	197.93	....	....	183	12	1,671	1,103	932	1,101
Year	195.00	202.60	158.00A	200.10	181.43	5	6	183	....	5,062	1,103	1	1,101
SEPTEMBER 1983 FUTURES CONTRACT													
May	185.50	187.90	185.50	187.00	186.30	....	....	9	....	22	15	....	15
Jne	181.10	184.00	162.80	167.00	172.05	1	4	6	....	30	23	15	18
Jly	168.00	178.00B	164.20A	168.00	170.63	1	....	31	....	54	57	19	57
Aug	169.00	180.20B	165.50	172.00	171.76	1	....	29	....	204	185	78	185
Sep	174.00	178.50	169.60	171.50	175.85	....	....	27	....	129	249	186	249
Oct	171.90	191.40	169.50	191.20	184.40	1	....	44	5	397	422	251	420
Nov	192.30	201.60	191.00	197.00	197.97	1	....	93	14	795	703	426	703
Dec	196.00	206.40	193.60A	203.70	201.50	....	....	100	8	814	948	717	843
Year	185.50	206.40	162.80	203.70	182.56	5	4	100	....	2,445	948	....	843
NOVEMBER 1983 FUTURES CONTRACT													
Jly	172.40	174.50B	168.50A	169.00	171.74	....	....	3	....	6	5	1	5
Aug	170.50	181.70B	168.00A	175.00	173.47	1	....	11	....	46	33	5	33
Sep	178.50	180.50B	172.00A	173.30	177.31	....	....	9	....	44	55	33	55
Oct	172.00	193.00	171.50A	192.00	184.67	....	....	19	....	146	117	55	109
Nov	193.00	202.50	192.20	197.30	197.93	1	....	39	1	399	264	117	264
Dec	199.00	207.50	195.00	204.70	202.05	....	....	41	1	281	348	273	306
Year	172.40	207.50	168.00A	204.70	184.53	2	....	41	....	922	348	1	306

1982 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

JANUARY 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Jan. Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep......	179.00	185.70B	178.00A	178.40	181.88	1	....	1	....	1	1	1	1
Oct......	180.00	197.00B	176.50A	196.00	190.00	....	....	7	....	33	24	1	24
Nov......	199.50	210.50	198.50A	205.50	204.81	1	....	18	....	109	65	25	65
Dec......	204.70	212.30	201.00A	209.30	207.26	....	....	13	....	62	80	65	80
Year.....	179.00	212.30	176.50A	209.30	195.99	2	....	18	....	205	80	1	80

MARCH 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Jan. Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Nov......	210.10	212.80B	209.20A	209.20	210.69	....	....	2	....	7	3	1	3
Dec......	209.50	217.00B	205.10A	213.00	211.85	....	....	6	....	19	14	3	14
Year.....	210.10	217.00B	205.10A	213.00	211.27	....	....	6	....	26	14	1	14

1982 EXCHANGE HOLIDAY CLOSINGS

Jan 1...New Year's Day
Feb 15...President's Day
Apr 9...Good Friday
May 31...Memorial Day
Jly 5...Independence Day
Sep 6...Labor Day
Nov 25...Thanksgiving Day
Dec 24...Christmas

NUMBER OF BUSINESS DAYS DURING 1982: 253

Jan...20
Feb...19
Mar...23
Apr...21
May...20
Jne...22
Jly...21
Aug...22
Sep...21
Oct...21
Nov...21
Dec...22

DAILY RECORDED MESSAGES PROVIDED BY THE CHICAGO MERCANTILE EXCHANGE
MERC LINE
312-930-8282

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1982 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
21	116.70@.80	#118.60	*116.70	118.45A	118.45	203	74
22	118.10@.15	#119.40	118.05A	119.10B@.00	119.05	121	111
23	119.30	#121.40B	119.30	121.40B	121.40	121	141
26	120.95	#122.50	120.70	122.40B@.50	122.45	150	170
27	122.30	122.35	120.20	120.70A	120.70	109	199
28	120.25@.15	121.10B	119.70	120.15	120.15	131	219
29	119.90	120.00	119.20	119.50	119.50	65	201
30	119.35	120.10	119.05	119.20	119.20	59	202
IN MAY							
3	118.60@.55	119.00	118.30A	118.70A@.55	118.65	171	287
4	118.95	119.20	118.90	119.05A@.00	119.00	166	347
5	119.05	119.55B	118.30	118.75B	118.75	164	359
6	119.10@.15	120.15	119.10	120.05@.15	120.10	581	577
7	120.20	121.00	120.00	120.60A	120.60	282	611
10	120.25	120.35B	119.40	119.40A	119.40	398	819
11	119.25	120.80	119.25	120.40	120.40	238	875
12	120.55	121.10	119.65	120.25B	120.25	374	1019
13	119.95	120.55	118.90	119.10	119.10	229	1024
14	119.25	119.50	118.95	119.10B	119.10	178	1009
17	118.95	118.95	117.25	117.30A@.25	117.30	270	1107
18	117.30@.20	117.40	*116.25	116.55@.40	116.50	541	1355
19	116.45@.50	116.90	*115.95	115.45@.30A	115.35	437	1348
20	115.45	115.75	*114.70	115.65@.70	115.65	829	1592
21	115.85@.95	116.30	115.30	115.60@.45	115.55	394	1649
24	115.40	115.75	114.55	115.45@.40	115.45	555	1838
25	115.75@.95	116.30	*113.80	114.05@.00	114.05	759	1979
26	114.40	114.40	*112.25	112.80	112.80	1062	2288
27	112.70@.65	112.95	*111.55	112.30@.40	112.35	677	2275
28	112.35	113.00	*111.15	111.65@.50A	111.60	879	2378
IN JUNE							
1	111.30@.10	111.70	*109.90	110.05B@.15	110.10	1682	2930
2	110.15@.20	111.80	*109.85	111.70@.60	111.65	2103	2949
3	111.85@.95	112.25	*109.50	110.40@.30	110.40	1904	3130
4	110.30	110.40	*107.70	107.85@.70	107.75	2914	3548
7	107.60@.55	109.40	*106.90	108.60	108.60	4576	4084
8	108.35@.30	109.40	107.30	107.85@.70	107.80	5125	4401
9	107.65@.70	108.10	*106.60	108.05@.00	108.00	6409	5510
10	107.80@.70	109.60	107.60	109.05@.00	109.00	7044	6196
11	111.40@110.40	*112.00*	110.30	111.50@.60	111.55	7863	6111
14	110.50@.30	110.50	*108.55*	108.55@.55A	108.55	7548	6421
15	108.50@.60	110.00	107.20	109.85@110.00	109.90	10888	6473
16	109.45@.60	110.25	107.75	108.00@.15	108.10	11706	7395
17	105.50@106.00	106.95	*105.15	105.55@.45	105.50	10269	7280
18	105.80@.60	106.15	*104.35	104.50@.80	104.65	7257	7232
21	105.20@.35	107.40	104.75	106.45@.60	106.50	10875	7596
22	106.50@.40	*109.50*	106.10	109.40@.45	109.40	11220	7837
23	108.95@109.00	112.15	108.10	111.80@.90	111.85	13395	7073
24	112.10@.00	112.60	109.75	110.30@.10	110.20	13891	6153
25	110.00@.10	110.80	108.80	110.25@.50	110.35	9903	6345
28	110.05@109.90	112.35	109.65	112.25@.15	112.20	9531	6249
29	111.85@.95	112.45	111.10	112.35@.20	112.25	9849	6007
30	113.30@.40	113.45	111.05	111.40@.50	111.50	10742	6654

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1982 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1	111.50@.60	111.75	109.75	109.90@.75	109.85	8745	6786
2	109.55@.50	109.55	107.85	108.40@.20	108.30	7316	6885
6	108.40@.30	109.50	106.40	109.35@.45	109.40	9978	6954
7	108.80@.65	110.00	107.75	109.20@.35	109.30	11699	7096
8	109.50@.60	111.00	106.80	110.80@.90	110.85	14449	6964
9	111.50@.30	113.00	110.20	112.50@.90	112.70	14711	7449
12	112.90@.60	113.30	111.75	112.35@.15	112.25	11499	8259
13	110.70@.90	112.90	110.70	111.75@.85	111.80	11999	8510
14	111.50@.35	113.60	110.55	113.45@.60	113.55	10248	8622
15	113.70@.60	114.30	112.85	113.55@.45	113.50	11745	8544
16	113.50@.60	115.15	113.10	114.20@.00	114.10	7792	8706
19	114.35@.40	114.50	112.30	112.50@.40	112.45	8940	9426
20	113.00@.10	114.30	111.80	114.25@.20	114.20	10020	9672
21	114.10@.20	114.95	113.05	113.10@.20	113.15	10457	9539
22	113.10@.00	114.50	112.75	113.60@.50	113.55	10404	9470
23	113.40@.55	113.95	112.40	112.60@.55	112.60	7656	10297
26	111.80@112.00	112.75	111.10	111.25@.15	111.20	8221	9894
27	111.35@.25	112.00	110.20	110.65@.50	110.60	9249	9900
28	110.50@.60	110.75	108.20	108.20@.30	108.25	11915	11678
29	108.70@.80	109.15	106.50	108.60@.10	108.35	13785	10335
30	108.80@.60	108.80	106.75	107.50@.15	107.35	11330	10268
IN AUGUST							
2	108.60@.40	110.05	107.85	109.95@110.05	110.00	11397	9171
3	109.45@.40	109.75	106.95	107.05@.30	107.20	11137	9354
4	107.00@.05	107.60	104.85	105.30@104.95	105.15	12443	10020
5	104.75@.65	105.70	*103.85	105.30@.50	105.40	12454	9929
6	104.80@.90	105.50	*102.40	102.65@.50	102.60	10931	10023
9	101.95@.85	103.95	*101.15	103.80@.95	103.85	13245	9370
10	103.85@104.00	104.50	101.80	102.10@.00	102.05	15112	9772
11	102.00@101.85	103.50	101.75	102.75@.60	102.65	14232	9652
12	103.05@.15	104.05	102.05	102.30@.40	102.35	11643	9507
13	102.50@.45	105.00	102.40	104.70@105.00	104.85	9726	8913
16	105.60	106.40	103.20	103.40@.20	103.30	13047	8800
17	103.90@104.10	*108.30*	103.75	108.30@.30B	108.30	18093	9350
18	109.70@110.00	111.55	107.40	108.00@.30	108.15	19597	9098
19	108.25@.10	110.40	107.05	109.20@.30	109.25	19280	7868
20	110.10@.30	*114.25*	109.30	114.25@.25B	114.25	14745	7584
23	112.90@.70	117.10	112.45A	116.70@.35	116.50	17050	7704
24	116.00@115.80	117.30	114.30	115.10@114.90	115.00	18495	8106
25	115.00@.30	118.00	114.80	117.10@.25	117.15	17624	7705
26	117.60@.30	119.40	116.30	118.00@.15	118.05	17590	7473
27	116.40@.70	117.40	115.10	115.70@116.10	115.90	13816	7268
30	115.75@.90	118.05	114.90	118.05@117.95	118.00	13221	7655
31	117.80@.70	119.80	117.25	118.95@.75	118.75	16668	7119
IN SEPTEMBER							
1	119.15@.00	119.60	116.75	117.10@116.90	117.00	12654	6952
2	117.50@.40	121.50	116.60	120.95@.85	120.90	14702	6990
3	121.60@122.00	#125.50	121.40	123.00@.25	123.10	14530	6081
7	123.40@.10	123.40	120.95	121.80@.70	121.75	9915	5765
8	121.40@.25	124.45	121.20	122.60@.70	122.65	11468	4853
9	122.00@.25	123.90	120.70	121.05@120.80	120.95	9196	4854
10	120.60@.45	120.95	118.85	119.80@.50	119.65	5382	3412
13	119.60@.55	123.50	119.00	123.30@.50	123.40	2738	2680
14	123.20@.30	124.50	122.55	123.35	123.35	2259	2178
15	123.85@124.00	124.30	122.45	124.00@123.80	123.90	1414	1850
16	124.10@.00	124.90	123.60	123.70	123.77	888	1241
17	1172 Contracts Delivered					24	. . . .

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1982 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
21....	118.00	#119.40B	*117.60	119.30B	119.30	58	27
22....	119.80	#120.45B	119.00A	120.10	120.10	32	38
23....	120.35	#122.50	120.35	122.50	122.50	5	42
26....	122.30	#124.20B	122.10	124.20B	124.20	27	46
27....	123.85	123.95B	122.10	122.50B	122.50	15	56
28....	122.10	122.80	121.50A	121.55A	121.55	22	68
29....	121.25	121.65B	121.20	121.40B	121.40	1	68
30....	120.85	121.40B	120.60A	120.60A	120.60	61	111
				IN MAY			
3....	120.10	120.60B	120.10	120.25A	120.25	14	110
4....	120.50	120.70	120.10A	120.10A	120.10	67	124
5....	120.60	120.70	119.30	119.55B	119.55	24	142
6....	120.75	121.15	120.50A	120.80B	120.80	12	144
7....	121.30	121.80	121.30	121.55B	121.55	11	147
10....	121.40	121.40	120.25A	120.25A	120.25	26	168
11....	120.15	121.35B	120.10	121.30B	121.30	11	168
12....	121.70	121.90B	120.65A	121.10A	121.10	13	173
13....	121.10	121.30	120.00A	120.00A	120.00	52	203
14....	120.10	120.25B	120.00	120.00	120.00	11	213
17....	119.50	119.60	118.40	118.40	118.40	49	229
18....	117.50	117.50	*116.90A	117.00	117.00	46	249
19....	116.80	117.50B	*115.80A	116.10@115.80A	115.95	44	285
20....	116.15	116.55	*115.05A	116.50B	116.50	35	283
21....	116.60	116.90B	116.40	116.40	116.40	14	285
24....	115.55	116.30B	115.40A	116.30B	116.30	11	288
25....	117.00	117.00	*115.00A	115.00A	115.00	40	303
26....	115.10	115.10	*112.85	113.45B	113.45	90	354
27....	113.40	113.55B	*112.25	113.10	113.10	17	361
28....	113.30	113.50B	*111.80	112.05@.00	112.05	58	372
				IN JUNE			
1....	111.50	112.10	*110.25	110.55B	110.55	78	416
2....	110.75	112.30	110.30	112.10B@.30	112.20	74	431
3....	112.50	112.80	*109.90A	110.85A	110.85	141	448
4....	110.50	110.50	*108.10A	108.20A	108.20	179	505
7....	108.00@107.95	109.90	*107.40	109.10A	109.10	215	631
8....	109.40	109.80B	107.95A	108.30@.15A	108.20	275	790
9....	108.20	108.45	*107.00	108.25B@.45	108.35	304	892
10....	108.15	109.90	108.10A	109.30@.20A	109.25	421	1032
11....	111.00@.50	*112.25*	110.80A	111.90	111.90	186	1068
14....	111.00@110.65	111.00	*108.90*	108.90A	108.90	158	1088
15....	108.70	110.20	107.65	110.20	110.20	138	1089
16....	110.00	110.85	108.30	108.45B	108.45	162	1107
17....	106.00	107.20	*105.45A	105.90@.70A	105.75	344	1218
18....	105.95@.90	106.45	*104.60A	104.75@.90	104.90	267	1327
21....	105.10	107.60	104.85A	106.70	106.70	437	1363
22....	106.75	*109.70*	106.45	109.70B	109.70	359	1412
23....	109.20@.35	112.40	108.50	112.15	112.15	754	1566
24....	112.50	112.85	110.20	110.40@.60B	110.50	541	1775
25....	110.30	111.00B	109.20	110.75B	110.70	277	1853
28....	110.25	112.65	109.95A	112.60@.50A	112.55	277	1876
29....	112.20	112.85	111.60	112.70B	112.70	600	2282
30....	113.65	113.85	111.25	111.90@.85	111.85	1033	2820

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1982 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1	111.75	112.00	110.25	110.25	110.25	603	2961
2	109.85@.90	109.90	108.15	108.50@.40	108.55	755	3145
6	108.80@.70	109.90	106.80A	109.70A	109.70	440	3288
7	108.90@.85	110.25	108.00	109.50@.70B	109.60	462	3358
8	109.85	111.45	107.25	111.35@.45	111.35	439	3446
9	112.15	113.80	110.80	113.35	113.35	650	3543
12	113.80@.75	113.95	112.50	112.90@113.00	112.90	771	3657
13	111.65@.55	113.55	111.55	112.25@.35B	112.35	566	3688
14	111.95	114.20	111.25	114.15B@.20	114.15	610	3763
15	114.35	115.10	113.55	114.20	114.20	1006	3796
16	114.15@.20	115.90	113.95	114.90@.60	114.80	536	3953
19	115.10@.15	115.20	113.00	113.10@.00	113.05	596	4112
20	113.95@.90	114.95	112.35	114.60@.80	114.75	662	4218
21	114.80@.70	115.60	113.80	113.80@.90	113.85	806	4468
22	113.60@.65	115.25	113.40	114.25@.35	114.30	482	4461
23	114.20@.15	114.80	113.40	113.50	113.50	358	4483
26	112.70	113.50B	112.10	112.15@.10	112.15	548	4676
27	112.15@.10	112.85	110.70	111.30@.40B	111.40	774	4786
28	111.25	111.50	108.65	108.70@.80B	108.80	1297	4888
29	109.25	109.65	107.05	109.30A@108.70	108.90	1444	4949
30	109.50	109.50	107.55	107.85@.70	107.90	555	5024
			IN AUGUST				
2	109.20@.30	110.85	108.65	110.75@.70	110.75	953	5155
3	110.50@.40	110.65	107.70	107.75@.108.00	107.90	1414	5180
4	107.60@.80	108.15	105.40	105.75@.40	105.70	1514	5394
5	105.15@.10	106.30	°104.50	105.95@.60	105.85	2020	5594
6	105.10	106.20	°102.75	102.80@.95	103.00	1231	5543
9	102.00@.10	104.45	°101.40	104.45@.30	104.35	1625	5597
10	104.40@.50	105.00	102.40	102.60	102.60	1385	5664
11	102.45	104.50	102.30	103.25@.05	103.20	810	5650
12	103.65@.75	104.55	102.55	102.80@.95B	102.90	1210	5599
13	103.25@.00	105.40	103.00	104.90@105.40	105.30	1056	5580
16	106.20@.50	107.30	103.50	103.80@.50	103.65	1979	5752
17	104.60@.85	108.65	104.20	108.65B	108.65	2573	5905
18	110.90@.70	112.30	108.05	108.75@.90	108.80	3778	5829
19	108.80	111.00	108.00	110.00@.20	110.10	3106	5971
20	111.00@.30	115.10	110.30	115.10@.10B	115.10	2759	5919
23	113.30@.10	118.00	113.10	117.50@.30	117.40	3923	6259
24	116.90@117.00	118.15	115.15	115.50@.70	115.75	3621	6178
25	115.80@.90	118.60	115.60	117.75@.90	117.80	2299	6396
26	117.75@.80	120.00	116.75	118.70@.45	118.55	3795	5908
27	117.80@.40	118.00	115.60	116.35@.65	116.50	2978	6133
30	116.60@.50	118.45	115.40	118.45@.35	118.40	3230	5974
31	118.00@.20	120.30	117.80	119.40@.65	119.45	3762	6340
			IN SEPTEMBER				
1	119.70@.85	120.25	117.10	117.40@.20	117.30	4043	6806
2	117.60@.80	122.05	116.95	121.50@.35	121.40	5504	6988
3	122.00@123.10	#126.00	121.75	123.60@.30	123.50	8129	7475
7	124.00@.50	124.50	121.25	121.90@122.00	122.00	6741	8121
8	121.40@.50	125.20	121.40	123.15@.35	123.25	9816	8446
9	122.80@.50	124.50	120.85	121.15@120.85	121.00	11372	9196
10	121.00@120.80	121.10	118.95	119.90@.70	119.80	13451	9923
13	119.40@.60	124.40	118.90	124.30@.95	124.10	18662	10094
14	124.10@.35	125.45	122.80	123.65@.75	123.70	22660	10195
15	124.40@.20	125.15	122.50	124.50@123.95	124.20	21767	10123
16	124.15@.25	125.70	122.90	123.60@.50	123.55	19249	11389
17	123.30@.40	124.35	122.25	122.50@.80	122.65	14340	10954
20	121.65@.85	123.50	121.20	123.50@.40	123.45	16759	11240
21	123.65@.85	#126.50	123.30	126.25@.50	126.35	19405	10683
22	127.05@.35	#127.65	122.00	122.00@.35	122.20	22335	10569
23	123.30@.00	124.30	121.50	123.90@.70	123.80	22317	10925
24	123.00@.30	123.50	121.90	123.00@122.85	122.95	15462	10656
27	122.40@.50	124.20	121.80	123.95@124.20	124.05	10069	10780
28	124.30@.50	125.10	122.25	122.40@.30	122.35	17985	10686
29	122.35@.20	122.40	119.80	120.00@119.90	119.95	19153	11262
30	120.00@.10	120.55	118.90	119.30@.40	119.35	18840	11819

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1982 FUTURES CONTRACT IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1	119.25@.35	121.50	119.25	120.00@.30	120.15	15177	12548
4	119.20@.00	120.75	118.55	120.75@.65	120.70	18976	13103
5	120.55@.45	121.90	120.25	120.45@.60	120.55	17402	12780
6	121.00@.15	*125.55*	121.00	125.55@.55B	125.55	18453	12448
7	128.70@.50	*#130.55*	127.70	130.05@.25	130.15	27013	10675
8	130.75@.25	#132.60	129.05	131.90@132.35	132.10	22558	10648
11	134.50@.00	*#137.10*	133.50	135.90@.70	135.80	22804	11515
12	135.50@.25	#137.15	132.70	133.90@134.15	134.05	26732	11268
13	133.40@.60	#139.00	133.25	137.85@.45	137.65	25619	11790
14	137.25@.00	137.70	134.65	134.85@135.05	134.95	19080	11416
15	134.45@.35	135.75	133.60	135.20@.40	135.30	16647	11736
18	134.90@135.10	139.00	134.90	138.80@.60	138.70	17767	11999
19	139.30@.15	#139.70	135.10	137.55@.25	137.40	25602	11593
20	137.00@136.80	#141.70	136.30	141.30@.60	141.45	25255	11843
21	141.40@.55	#142.00	138.30	141.20@.00	141.10	24593	12430
22	140.90@.70	#143.00	138.25	138.25@.60	138.45	25660	12057
25	136.80@137.00	137.35	*133.45*	133.45@.45A	133.45	24146	12606
26	134.25@.40	136.65	131.80	136.40@.15	136.25	35673	11991
27	136.25@.05	137.06	134.60	135.30@.05	135.20	27437	10719
28	136.30@.45	136.70	133.75	133.80@134.00	133.90	22202	10564
29	134.60@.40	135.55	133.55	134.70@.40	134.55	17330	11022
IN NOVEMBER							
1	135.00@.10	137.50	134.20	137.50@.40	137.45	20160	11170
2	137.70@.90	140.90	137.50	138.70@139.00	138.85	26586	11271
3	139.20@.30	*#143.85*	139.05	143.85B	143.85	27615	12819
4	145.00@144.80	#146.30	142.45	143.80@144.30	144.05	32042	11918
5	143.25@142.75	145.40	142.75	143.00@.40	143.20	23553	11621
8	142.40@.55	142.80	141.20	142.10@.30	142.20	20299	11934
9	142.40@.25	146.05	142.25	145.75@.85	145.80	25233	12225
10	145.90@146.10	#146.80	141.00	141.75@.60	141.70	29645	12116
11	140.50@.20	144.35	140.00	144.10@.25	144.15	27396	13398
12	144.75@.50	144.75	140.60	140.70@.90	140.80	23179	11485
15	138.80@139.25	139.50	136.75	136.75@137.05	136.90	22031	11486
16	136.30@.05	138.90	135.35	136.80@.60	136.70	30340	12302
17	138.00@.40	139.20	137.60	138.80@.60	138.70	23676	11980
18	138.30@.45	139.80	138.05	139.30@.15	139.20	20469	11892
19	139.70@140.10	140.10	136.00	136.40@.00	136.20	19180	11440
22	136.65@.40	136.65	132.60	132.60@.80	132.70	23160	12071
23	133.10@.30	134.80	131.40	132.40@.70	132.55	27151	12064
24	133.60@.80	134.30	133.10	133.75@.90	133.80	15233	11927
26	134.00@.10	135.45	134.00	135.10@134.85	134.95	10275	11686
29	135.60@.40	135.65	131.85	133.80@.50	133.65	18355	11798
30	134.00@.10	*138.65*	133.75	138.65@.65B	138.65	22789	12023
IN DECEMBER							
1	139.90@.55	142.20	137.80	138.00@.15	138.10	35241	11564
2	139.20@138.90	140.75	138.30	138.75@139.00	138.85	24110	10622
3	139.60@.40	140.95	138.55	139.00@.35	139.15	18385	10324
6	139.55@.70	144.10	137.80	143.50@.25	143.35	24381	9573
7	142.60@143.00	145.70	141.85	143.85@.70	143.75	28732	9042
8	143.30@142.90	144.85	141.20	141.40@.25	141.35	24612	8041
9	140.65@.30	142.45	139.10	139.90@.50	139.70	23524	7786
10	138.90@139.10	140.85	138.65	139.10@.40	139.25	15909	7215
13	139.85@140.40	140.80	139.40	140.35@.50	140.50	4879	5829
14	142.10@.40	142.50	136.00	136.25@.50	136.45	5137	4643
15	136.90	137.20	134.75	135.70@.85	135.80	2516	4065
16	136.00@.10	136.25	134.75	135.20@.15	135.30	2096	2929
17	2837 Contracts Delivered					78	. . . .

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
21....	118.70	#120.50B	*118.70	120.50B	120.50	6	3
22....	120.05	#121.30	120.05	121.20A	121.20	3	5
23....	122.60@.65	#123.50B	122.60	123.50B	123.50	5	5
26....	123.95	#125.00B	123.30A	125.00B	125.00	1	4
27....	....	....	124.00A	124.00A	124.00	....	4
28....	....	....	123.10A	123.10A	123.10	....	4
30....	123.00@122.95	123.00	121.60A	121.60A	121.60	2	5
			IN MAY				
3....	121.40	121.40	121.25A	121.25A	121.25	1	5
4....	....	121.65B	....	121.65B	121.65	....	5
5....	122.00	122.00	120.60A	121.25A	121.25	2	7
6....	122.20	122.20	121.85A	122.00	122.00	4	10
7....	122.70	122.70	122.50A	122.50A	122.50	1	10
10....	....	122.60B	121.50A	121.50A	121.50	....	10
11....	121.50	121.80B	121.40A	121.70B	121.70	6	12
12....	....	122.30B	121.50A	121.50A	121.50	....	12
13....	....	....	120.50A	120.50A	120.50	....	12
14....	....	120.60B	....	120.60B	120.60	....	12
17....	120.00	120.00	119.00A	119.05A	119.05	4	13
18....	118.40	118.40	*117.50A	117.50A	117.50	....	13
19....	117.00	117.70B	*116.50A	116.50A	116.50	2	14
20....	....	117.10B	*116.20A	117.10B	117.10	....	14
21....	....	117.60B	116.90A	116.90A	116.90	....	14
24....	116.40	117.10B	*115.90A	116.60B	116.60	40	51
25....	117.00	117.10B	116.40A	116.40A	116.40	16	51
26....	114.50	115.00B	*114.50	115.00B	115.00	1	52
27....	113.40	113.90B	*113.30A	113.40	113.40	8	54
28....	113.40	113.80B	*112.20A	112.70B	112.70	1	53
			IN JUNE				
1....	....	....	*111.00A	111.10A	111.10	21	73
2....	111.20	112.60B	111.00A	112.60B	112.60	4	76
3....	112.40	113.00B	*110.10A	111.50A	111.50	24	56
4....	110.00	110.00	*108.60A	108.60A	108.60	4	59
7....	109.00	110.00B	*108.00A	109.55B	109.55	7	59
8....	109.50@.40	109.90B	108.60A	108.70A	108.70	10	64
9....	108.50	108.90B	*107.70A	108.90B	108.90	3	67
10....	109.55	110.60	109.30A	110.10B	110.10	30	71
11....	112.10	*113.10*	111.80A	112.90B	112.90	7	75
14....	110.30	110.90	*109.90A*	109.90A	109.90	12	75
15....	109.20	110.80B	108.45A	110.80B	110.80	9	78
16....	110.80	111.00B	109.00A	109.00A	109.00	4	80
17....	106.90	107.60B	*106.30	106.40B	106.40	17	93
18....	106.50	106.80B	*105.20A	105.30A	105.30	4	96
21....	105.20	108.00	*105.20	106.95A	106.95	24	112
22....	106.85	*109.95B*	106.80A	109.95B	109.95	5	115
23....	110.00	112.80B	108.90A	112.35A	112.35	16	122
24....	112.60	113.45	110.75A	110.80A	110.80	20	127
25....	110.25	111.40	109.60A	111.10A	111.10	7	125
28....	112.20	113.00B	110.50A	113.00B	113.00	3	123
29....	113.30	113.30	111.90A	112.90A	112.90	5	124
30....	114.00	114.35	112.00A	112.15A	112.15	8	123

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1	112.25	112.30B	110.65A	110.65A	110.65	7	125
2	110.35	110.35	109.10A	109.10A	109.10	19	135
6	109.60	110.35B	107.50A	110.35B	110.35	23	143
7	110.50	110.70B	108.90A	110.00A	110.00	4	146
8	108.90	111.90B	107.70A	111.70B	111.70	22	159
9	112.60	113.90B	111.50	113.70B	113.70	25	161
12	114.80	114.80	112.80A	113.25A	113.25	10	164
13	112.50	113.60B	112.20	112.85B	112.85	8	167
14	112.40	115.20	112.10A	114.90A	114.90	5	170
15	114.90	115.50	114.40	114.70A	114.70	21	177
16	115.10	116.10B	114.50A	115.25A	115.25	7	174
19	115.80	115.80	113.50A	113.60@.50A	113.55	21	170
20	114.30	115.75	113.40	115.35A	115.35	13	180
21	115.25	116.10B	114.30	114.30	114.30	16	178
22	114.70	115.75	114.20A	114.80B	114.80	8	172
23	114.80	115.25B	114.15A	114.30A	114.30	4	166
26	113.90	114.25B	112.70	112.70	112.70	5	167
27	112.90	113.50	111.85A	111.90A	111.90	12	167
28	112.00	112.10B	109.35A	109.35A	109.35	16	164
29	109.80	110.30	107.70A	109.60A	109.60	28	172
30	109.90	110.05B	108.20A	108.40A	108.40	7	173
IN AUGUST							
2	109.90	111.35B	109.50A	111.35B	111.35	6	170
3	111.30	111.45	108.40	108.40	108.40	44	185
4	107.90	108.75B	106.10A	106.20A	106.20	13	185
5	105.60	106.60B	*105.15	106.30	106.30	245	308
6	105.75	106.35B	*103.00	103.30B	103.30	44	288
9	102.20	104.90B	*101.85	104.80@.90B	104.85	58	272
10	105.00	105.50	102.80A	102.95A	102.95	27	277
11	102.95	104.40B	102.75A	103.65A	103.65	12	269
12	104.50	105.00	103.30A	103.40A	103.40	18	267
13	104.00	105.70B	104.00	105.70B	105.70	10	271
16	107.80	107.90	104.10A	104.10A	104.10	15	273
17	105.30	*109.10*	105.00A	109.10B	109.10	19	269
18	111.25	113.00	109.05	109.60B@.80	109.70	71	282
19	110.50	111.40B	108.70	110.50	110.50	31	283
20	111.50	*115.50*	111.20	115.50B	115.50	34	279
23	114.00	118.50	114.00	118.00A	118.00	37	292
24	117.90	118.50B	116.10	116.25B	116.25	67	289
25	117.50	119.20	116.60A	118.25B	118.25	69	328
26	118.80	120.70	117.50	119.15B	119.15	73	326
27	118.50	118.50	116.50A	117.30	117.30	36	349
30	117.00	119.20	116.20	119.00A	119.00	26	337
31	119.50	121.00	118.70A	120.00@.10B	120.05	47	342
IN SEPTEMBER							
1	120.10	120.70B	117.95	118.10A	118.10	28	337
2	118.30	123.00	117.80	122.20A	122.20	77	342
3	124.00	#126.50	123.00	124.20A	124.20	69	345
7	124.50	124.60	122.20	122.60A	122.60	112	377
8	122.10	126.00	122.10	123.85B	123.85	107	362
9	123.40	125.35	121.70	121.80A	121.80	45	359
10	121.40	121.50B	119.50	120.35	120.35	58	351
13	120.00	124.80	119.50	124.80	124.80	168	387
14	125.50	126.20	123.40	124.30A	124.30	304	454
15	124.50	125.50	123.20	124.75@125.00	124.90	272	525
16	124.90@.85	126.10	123.60	124.10	124.10	166	535
17	123.90	124.70	122.70	122.90@123.20	123.10	177	555
20	122.10	124.10	121.65	124.05	123.95	304	637
21	124.25	#127.30	123.80	126.90B@127.30	126.95	326	693
22	128.00	#128.20	122.60A	123.00@122.60A	122.80	576	764
23	123.55	124.75	122.00	124.45A@.40	124.40	300	794
24	123.60	123.80B	122.45	123.60A@.30	123.45	214	806
27	122.80@.75	124.70	122.15	124.55B@.70	124.60	229	763
28	124.90	125.60	122.90A	122.95	122.95	226	835
29	122.95	122.95	120.25	120.40@.55	120.45	488	897
30	120.45	121.00	119.40	119.70@.65	119.80	473	1012

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1....	119.70	122.00	119.70	120.40@.50	120.50	342	953
4....	119.55	121.30	119.05	121.30@.25A	121.25	321	1019
5....	121.05	122.35	120.80	120.95@121.00	121.00	361	1017
6....	121.65@.70	*126.00*	121.60	126.00@.00B	126.00	634	1104
7....	129.50@.20A	*#131.00*	128.25	130.95@.70A	130.80	1398	1237
8....	131.60@.10	#133.20	129.60	133.20@132.60	132.80	1369	1297
11....	135.40@.20	*#137.80*	134.05	136.15@.60	136.40	772	1382
12....	136.25@.20	137.60	133.10	134.40@.60B	134.50	1183	1401
13....	133.70	*#139.50*	133.70	138.55@.10A	138.20	926	1355
14....	137.65	138.10B	135.20	135.55@.40	135.50	359	1343
15....	134.75@.65	136.30	134.25A	136.00@135.90	135.90	552	1272
18....	135.50@.70	139.50	135.50	139.30@.25	139.25	630	1399
19....	139.85@.80	#140.40	135.80	138.00@137.95	138.00	759	1448
20....	137.60	#142.30	136.95A	142.30@.10A	142.10	497	1405
21....	142.00@141.80	#142.45	138.85	141.65A@.80B	141.75	591	1351
22....	141.55	#143.50	139.10A	139.10A@.20	139.10	597	1346
25....	137.30	137.85	*134.10*	134.10A	134.10	573	1297
26....	134.80@.70	137.20	132.30	136.85@.80	136.80	996	1520
27....	136.95@137.00	138.05	135.30A	135.85@.60A	135.75	506	1516
28....	136.75@.85	137.20	134.20	134.20@.50B	134.40	401	1470
29....	135.00	136.10	134.15	135.40@.90A	135.10	486	1493
			IN NOVEMBER				
1....	135.65@.60	138.20	134.70	138.20@.05	138.05	684	1574
2....	138.45@.50	141.50	138.20A	139.35@.50B	139.45	1005	1710
3....	139.70@.85	*#144.45*	139.70	144.45B	144.45	1423	1984
4....	145.80	#147.05B	143.30	144.25@.80	144.80	1058	1963
5....	143.80@.70	146.05	143.45	144.00@143.90	143.95	782	2113
8....	143.00@.10	143.45	141.85	142.90@143.05	142.95	658	2188
9....	143.20	146.85	143.10A	146.70@.60	146.60	969	2295
10....	146.95@.85	#147.75	141.75	142.45@.30	142.40	1453	2465
11....	141.00	145.20	140.75	145.00@.10	145.00	1058	2518
12....	145.60	145.60	141.35	141.35@.70	141.55	1562	2599
15....	139.35@.30	140.15	137.60	137.60@.75	137.70	1070	2866
16....	137.05@136.90	139.70	136.05	137.60@.45A	137.50	1767	2997
17....	139.10@.25	140.00	138.40	139.45@.30	139.40	1177	2994
18....	139.05@138.95	140.45	138.85	140.10@.00	140.00	788	3030
19....	140.90@.95	140.95	137.10	137.20@.30	137.15	1480	3279
22....	137.60@.50	137.60	133.40	133.40	133.40	1582	3659
23....	133.75@.90	135.60	132.30	132.95@133.35B	133.30	1765	3889
24....	134.80@.60	135.25	134.00	134.85@.70	134.70	978	3943
26....	135.00	136.25	134.85A	136.00@135.70	135.75	915	3960
29....	136.35@.30	136.40	132.45	134.25@.50	134.35	1987	4225
30....	134.50@.55	*139.35*	134.30	139.35B	139.35	2767	4417
			IN DECEMBER				
1....	141.50@.00	143.25	138.55	138.70@139.10	138.90	6435	5080
2....	140.50@.30	141.70	139.30	139.80@140.00	139.85	3968	5399
3....	140.50@.35	141.90	139.35	139.85@140.20	140.00	4228	5540
6....	140.70@.60	*145.00*	138.60	144.75@.20	144.45	5548	5702
7....	144.15@.50	146.85	142.60	144.75@.50	144.60	7845	6304
8....	144.20@143.80	145.80	142.00	142.05@.20	142.10	7431	6777
9....	141.25@.00	143.10	139.90	140.35@.00	140.30	9990	7876
10....	139.70@.60	141.40	138.90	139.40@.70	139.55	9178	7991
13....	140.35@.60	141.70	139.75	141.10@.40	141.25	14235	9084
14....	143.25@.00	143.35	136.30	136.65@.40	136.55	26625	11164
15....	137.00@136.80	137.55	134.70	135.80@136.25	136.05	26192	11623
16....	136.15@.25	136.90	135.10	135.85@136.00	135.95	24699	11667
17....	136.40@.25	138.80	135.95	138.75@.40	138.55	16838	10090
20....	138.00@.20	138.80	136.65	136.75@.95	136.85	13763	9562
21....	137.25@.50	141.75	136.55	141.00@140.75	140.85	19249	10293
22....	140.90@141.15	141.45	139.00	139.85@140.00	139.95	20390	10521
23....	140.35@.25	141.30	140.15	140.95@.60	140.75	7379	10657
27....	141.50@.60	145.35	141.25	144.60@.80	144.70	13569	10773
28....	143.65@.55	144.25	141.80	142.30@.15	142.25	15853	10581
29....	142.50@.35	143.70	141.90	142.90@143.15	143.00	13186	10330
30....	143.00@142.95	143.70	140.90	141.25@.05	141.15	13223	10659
31....	141.60@.85	142.80	141.30	141.90@.70	141.80	5990	10863

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1983 FUTURES CONTRACT
IN JUNE 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
25....	110.90	#111.80B	*110.20A	111.25B	111.25	5	5
28....	....	#113.40B	111.00A	113.40B	113.40	....	5
29....	113.30	#113.70B	*112.80A	113.50B	113.50	1	6
30....	....	#114.80B	112.50A	112.70A	112.70	....	6
IN JULY							
1....	111.70	113.00B	111.20A	111.20A	111.20	1	7
2....	111.00	111.00	*109.10A	109.30A	109.30	3	8
6....	....	110.90B	*107.70A	110.90B	110.90	....	8
7....	....	....	109.40A	110.20A	110.20	....	8
8....	....	112.00B	108.00A	112.00B	112.00	....	8
9....	113.50	114.65	111.80A	114.00	114.00	8	13
12....	113.90	114.50B	113.10A	113.55A	113.55	1	13
13....	....	113.70B	112.50A	113.10A	113.10	....	13
14....	....	#115.10B	112.30A	115.10B	115.10	....	13
15....	114.50@.45	#115.40B	114.45	115.00B	115.00	2	12
16....	....	#116.30B	114.90A	115.80B	115.80	....	12
19....	116.15	116.15	114.05A	114.05A	115.05	2	14
20....	....	115.90B	113.80A	115.80B	115.80	....	14
21....	115.10	#116.50B	114.80A	114.80A	114.80	1	14
22....	116.30	116.30	114.70A	115.20A	115.20	1	15
23....	115.70	115.70	114.80A	115.20A	115.20	1	15
26....	....	....	113.30A	113.30A	113.30	....	15
27....	....	114.00B	112.40A	112.40A	112.40	....	15
28....	112.50	112.60B	109.75A	109.75A	109.75	1	15
29....	110.50	110.50	108.60A	110.30B	110.30	3	16
30....	109.80	109.80	108.80A	109.00A	109.00	2	17
IN AUGUST							
2....	....	111.90B	....	111.90B	111.90	....	16
3....	110.45	110.45	109.10A	109.10A	109.10	10	26
4....	108.30	109.30B	*106.70A	106.70A	106.70	3	26
5....	106.15	106.65B	*105.70	106.65B	106.65	7	30
6....	106.20	106.20	*103.70A	103.70A	103.70	7	36
9....	....	105.35B	*102.50A	105.35B	105.35	....	36
10....	106.20	106.20	103.20A	103.30A	103.30	3	39
11....	....	104.80B	....	104.20B	104.20	1	40
12....	....	105.50B	103.80A	104.00A	104.00	....	40
13....	104.95	106.25B	104.95	106.25B	106.25	2	40
16....	108.20	108.60B	104.60A	104.60A	104.60	1	41
17....	108.20	*109.60B*	108.20	109.60B	109.60	2	41
18....	112.40	113.30B	110.10	110.30B	110.30	12	45
19....	110.40	111.90B	109.80A	111.05B	110.05	3	47
20....	112.70	*116.05B*	112.70	116.05B	116.05	5	41
23....	117.20	#119.00B	114.80A	118.60B	118.60	3	41
24....	....	119.00B	116.80A	116.85A	116.85	....	41
25....	119.40	#119.70	118.60A	118.85A	118.85	11	42
26....	120.70	#121.00B	118.20A	119.75A	119.75	1	42
27....	....	....	117.40A	117.90A	117.90	....	40
30....	....	119.70B	117.20A	119.60B	119.60	....	40
31....	120.50	#121.30B	119.40	120.65B	120.65	6	39

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1983 FUTURES CONTRACT
IN SEPTEMBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1	119.20	121.30B	118.80A	118.80A	118.80	4	39
2	....	#123.60B	....	122.80B	122.80	....	39
3	124.50	#127.00B	124.50	124.90A	124.90	4	34
7	123.90	125.20B	123.20A	123.20A	123.20	1	34
8	126.20	126.60B	123.10A	124.45A	124.45	5	22
9	....	125.90B	122.50A	122.50A	122.50	....	22
10	....	....	120.60A	121.00A	121.00	....	22
13	....	125.40B	120.80A	125.40B	125.40	....	20
14	125.75	126.70B	124.40A	125.00A	125.00	4	21
15	125.40	126.30B	124.25	125.60B	125.60	19	39
16	125.50	126.50B	124.50A	124.90A	124.90	11	38
17	125.00@124.95	125.20B	123.20	124.00B	124.00	3	41
20	123.00	124.75B	122.70A	124.75B	124.75	1	39
21	124.80	#127.70B	124.80	127.70B	127.70	4	36
22	128.80	#128.80	123.60A	123.60A	123.60	3	36
23	124.60	125.00B	123.00A	125.00B	125.00	2	37
24	124.35	124.50B	123.60A	124.00A	124.00	....	37
27	....	125.20B	123.60A	125.20B	125.20	1	37
28	125.25	126.00B	123.50A	123.50A	123.50	7	40
29	122.80	123.55B	121.20A	121.30A	121.30	16	39
30	120.30	121.70B	120.30	120.30A	120.30	21	53
			IN OCTOBER				
1	120.85	122.40B	120.85	121.20B	121.20	2	51
4	120.20	121.80B	119.90A	121.80B	121.80	15	58
5	122.00	122.80B	121.50A	121.50A	121.50	3	58
6	....	*126.50B*	....	126.50B	126.50	....	60
7	129.90	*#131.50*	129.90	131.50	131.50	2	61
8	132.30	#133.70	130.40A	133.60A	133.60	68	62
11	136.00	#138.40	135.00A	137.00B	137.10	18	72
12	136.60	138.20	134.15A	135.05A	135.05	12	60
13	134.50	*#140.05*	134.50	138.80A	138.80	3	54
14	138.00	138.60B	136.00A	136.00A	136.00	4	55
15	135.20	136.70B	135.20	136.40B	136.40	1	54
18	136.20	140.00	136.20	139.75A	139.75	5	55
19	139.25	#140.60B	136.50A	139.90	138.50	2	55
20	142.00	#142.80	137.70A	142.65B	142.65	4	54
21	142.65	#143.00B	139.80A	142.30A	142.30	12	57
22	142.00	#144.00B	139.70A	139.70A	139.70	14	54
25	138.50	138.50	*134.70*	134.70A	134.70	12	52
26	135.10	137.60B	133.20A	137.25B	137.25	5	43
27	137.25	138.50B	136.20A	136.30A	136.30	2	43
28	....	137.60B	134.95A	134.95A	134.95	....	43
29	....	136.60B	....	135.65B	135.65	2	43
			IN NOVEMBER				
1	137.80	138.60B	137.00A	138.60B	138.60	1	44
2	139.25	141.90	139.25	140.00A	140.00	11	48
3	142.00	*#145.00B*	142.00	145.00B	145.00	24	58
4	146.25	#147.50B	144.10	145.45B	145.45	11	61
5	144.20	146.50B	144.20	144.40@.65B	144.65	18	63
8	143.60	144.00B	142.80A	143.60B	143.60	4	63
9	144.90	147.40	144.80A	147.30A	147.30	7	65
10	147.60	#148.20B	*142.30*	142.95A	142.95	40	80
11	141.70	145.60B	141.60A	145.60B	145.60	11	76
12	146.40	146.40	142.10	142.15B	142.15	14	84
15	140.00	140.30B	138.30A	138.30A	138.30	3	84
16	137.50	140.60	136.90A	138.10A	138.10	13	79
17	140.00	140.40B	139.20A	140.30@.00A	140.05	6	83
18	139.75	141.00B	139.60A	140.55B	140.55	1	81
19	141.50	141.50	137.70A	137.80	137.80	10	81
22	137.70	137.70	134.20	134.20	134.20	43	103
23	134.80	136.10B	133.10A	134.00B	134.00	30	111
24	134.80	135.80B	134.70	135.40A	135.40	9	109
26	136.50	136.70B	135.80	136.45B	136.45	17	114
29	136.80	136.90B	133.10	135.00A@134.75	134.90	25	126
30	136.00	*139.90B*	136.00	139.90B	139.90	16	121

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1983 FUTURES CONTRACT
IN DECEMBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1....	141.40	144.20	139.50	139.70B	139.70	76	120
2....	140.70	142.30B	140.20A	140.70B	140.70	34	124
3....	141.90	142.50B	140.30A	140.80A	140.80	11	126
6....	141.70	*145.80*	139.60	145.20A	145.20	50	130
7....	145.30	147.50	143.70A	145.35B	145.35	158	179
8....	145.50	146.50	142.60	142.70B	142.70	60	179
9....	141.50	143.70B	140.70	140.95B	140.95	121	209
10....	140.60	142.10	139.60	140.10A	140.10	92	210
13....	140.60	142.10	140.60	142.00B	142.00	58	204
14....	144.25	144.25	*136.85*	137.05B	137.05	249	253
15....	137.20	138.10B	135.00	136.55@.70	136.65	313	282
16....	136.80	137.50	135.60	136.40@.60B	136.55	165	313
17....	136.85	139.25	136.70	139.00B@.30	139.15	123	331
20....	138.95	139.40B	137.40A	137.55A@.40A	137.50	75	345
21....	137.80	*142.50*	137.25A	141.90@.55	141.65	147	408
22....	141.95	142.20	139.80A	140.70A@.55	140.65	251	410
23....	141.00	142.05	140.90	141.65A@.35	141.50	68	414
27....	142.60	146.25	142.15	145.40@.50B	145.50	272	463
28....	144.50	145.00	142.70A	142.95A@.85	142.90	113	431
29....	143.10	144.40	142.60A	143.90@.80A	143.85	126	457
30....	143.95	144.55	141.80	141.80@.90B	141.85	379	676
31....	142.50	143.55	142.15A	142.55@.40A	142.45	77	693
			SEPTEMBER 1983 FUTURES CONTRACT IN SEPTEMBER 1982				
20....	123.50	#125.30B	*123.20A	125.30B	125.30	1	1
21....	125.40	#128.00B	125.40	128.00B	128.00	1	....
22....	....	#128.90B	124.00A	124.00A	124.00	2	1
23....	126.00	126.00	123.60A	125.30A	125.30	2	1
24....	125.50	125.50	124.20A	124.50A	124.50	....	1
27....	....	125.60B	124.00A	125.60B	125.60	....	1
28....	126.50	126.60	124.00A	124.00A	124.00	7	8
29....	122.60	124.05B	*122.00A	122.20	122.20	18	19
30....	....	....	*120.70A	120.70A	120.70	....	17
			IN OCTOBER				
1....	....	122.90B	....	121.80B	121.80	12	29
4....	121.00	122.35B	120.70A	122.35B	122.35	11	34
5....	....	123.30B	122.10A	122.10A	122.10	....	34
6....	....	*127.10B*	....	127.10B	127.10	....	34
7....	131.00	*#132.10B*	129.90A	132.10B	132.10	3	37
8....	132.00	#134.80	131.20A	134.50A	134.50	5	37
11....	136.60	#139.00B	135.80	137.80B	137.90	7	39
12....	137.30	138.80B	135.00A	135.70A	135.70	3	39
13....	....	140.60B	135.20A	139.45B	139.45	1	38
14....	139.00	139.00	136.50A	136.50A	136.50	6	39
15....	....	137.20B	136.00A	136.90B	136.90	....	39
18....	139.50@.40	140.50	139.40	140.25A	140.25	2	39
19....	141.00	#141.05	137.00A	139.00	139.00	56	63
20....	141.00	#143.20B	138.40A	143.20B	143.20	2	61
21....	142.50	#143.50B	140.30A	142.85B	142.85	2	61
22....	144.50	#144.60B	140.25A	140.25A	140.25	16	65
25....	....	....	*135.25A*	135.25A	135.25	....	65
26....	135.50	138.00B	133.80A	137.90B	137.90	3	66
27....	137.50	139.00B	136.85A	136.85A	136.85	2	66
28....	....	138.10B	135.50A	135.50A	135.50	1	67
29....	....	137.10B	....	136.20B	136.20	....	67

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN NOVEMBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1....	....	139.15B	....	139.15B	139.15	....	66
2....	....	142.50B	....	140.95B	140.55	....	66
3....	....	*#145.55B*	....	145.55B	145.55	....	66
4....	....	#148.00B	145.00A	146.10B	146.10	....	66
5....	145.30	147.10B	144.60A	145.30@.35B	145.35	1	67
8....	....	....	143.50A	144.30A	144.30	....	67
9....	147.50	147.95B	146.90A	147.95B	147.95	2	67
10....	144.90	#148.70B	143.30A	143.50A	143.50	1	58
11....	....	146.20B	142.30A	146.20B	146.20	....	56
12....	143.10	146.50B	142.70A	142.75A	142.75	2	56
15....	140.20	140.80B	139.15A	139.15A	139.15	3	57
16....	....	141.00B	137.80A	138.70A	138.70	....	56
17....	140.80	140.90B	139.90A	140.65A	140.65	2	56
18....	140.40	141.50B	140.20A	141.10B	141.10	1	57
19....	....	142.00B	138.35A	138.35A	138.35	....	57
22....	....	....	134.80A	134.80A	134.80	....	40
23....	....	136.60B	133.70A	134.60A	134.60	....	40
24....	135.50	136.30B	134.50A	136.00B	136.00	1	40
26....	....	137.20B	....	137.05B	137.05	....	40
29....	137.40	137.50B	133.90A	135.50A	135.50	2	40
30....	135.90	*140.50B*	135.90	140.50B	140.50	1	40

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
1....	142.90	144.50	140.00A	140.30A	140.30	9	47
2....	....	142.80B	....	141.30B	141.30	....	47
3....	142.00	143.00B	141.00	141.40B	141.40	5	50
6....	....	*146.40B*	140.10A	145.90B	145.90	....	50
7....	146.00	147.60B	144.40	146.00A	146.00	10	46
8....	145.50	146.90B	143.25A	143.25A	143.25	17	53
9....	142.75	144.20B	141.30	141.50B	141.50	9	50
10....	141.00	142.40B	140.30A	140.60A	140.60	47	86
13....	141.85	142.60B	141.70A	142.60B	142.45	69	136
14....	144.00	144.60B	138.30A	138.30A	137.55	36	131
15....	136.80	138.50B	136.00A	137.25B	137.25	2	129
16....	137.75	138.00B	136.60A	137.20A	137.20	31	128
17....	137.50	139.65B	137.50	139.65B	139.65	1	128
20....	....	139.85B	138.00A	138.00A	138.00	....	128
21....	....	*143.00B*	137.90A	142.15B	142.15	....	127
22....	142.00	142.50B	140.75A	141.40A	141.40	44	119
23....	142.50	142.50	142.10A	142.10A	142.10	4	119
27....	....	146.70B	....	146.10B	146.10	....	119
28....	....	....	143.00A	143.50A	143.50	....	119
29....	....	145.00B	....	144.40B	144.40	....	119
30....	144.30	144.80B	142.50A	142.50A	142.50	5	116
31....	....	144.00B	....	143.00B	143.00	....	116

DECEMBER 1983 FUTURES CONTRACT
IN DECEMBER 1982

Date	Open Range	High	Low	Closing Range	Sett Price	Volume (Trades Cleared)	Open Interest
17....	138.00	#140.20B	*138.00	140.20B	140.20	....	....
20....	....	#140.30B	138.50A	138.50A	138.50	1	1
21....	....	*#143.50B*	....	142.65B	142.65	....	1
22....	....	143.00B	141.30A	142.00A	142.00	....	1
23....	143.00	143.00	142.70A	142.70A	142.70	2	3
27....	143.75	#147.20B	143.75	146.60B	146.60	5	8
28....	....	....	143.70A	144.00A	144.00	....	8
29....	144.50	145.50B	144.00A	145.00B	145.00	....	8
30....	....	145.25B	143.00A	143.00A	143.00	2	9
31....	144.00	144.50B	143.50A	143.50A	143.50	....	9

RANDOM LENGTH LUMBER FUTURES PRICES

Daily price range, volume and open interest on the Index and Option Market
(In Dollars and Cents per Thousand Board Feet)

JANUARY 1982 FUTURES CONTRACT IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
4	146.50	147.30	145.70	146.40@.70	146.60	279	....	1352
5	144.00	146.00	143.30	144.50@143.60	144.10	416	....	1195
6	145.70	146.60	144.40	145.30@144.80	145.00	325	....	1136
7	146.50	147.00	142.90	147.00@146.50A	146.70	321	....	973
8	147.20	147.40	145.50	146.70	146.70	178	....	908
11	144.00	145.40	142.60	145.00	145.00	274	....	734
12	145.00	147.00	143.60	146.80@147.00	146.90	430	....	481
13	146.70	147.40	146.00	147.00	147.00	179	....	359
14	145.30	*152.00*	145.30	150.90	150.90	203	....	216
15	151.70	151.70	*145.90*	145.90A	145.90	18	....	53
18	....	....	....	....	....	....	31	22
19	....	....	....	....	....	....	7	15
20	....	....	....	....	....	....	1	14
21	....	....	....	....	....	....	7	7
22	....	....	....	....	....	....	....	7
25	....	....	....	....	....	....	3	4
26	....	....	....	....	....	....	1	3
27	....	....	....	....	....	....	....	3
28	....	....	....	....	....	....	3	....

MARCH 1982 FUTURES CONTRACT IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	158.50	159.60	*157.70*	157.80@.70	157.80	1265	3480
5	156.00	156.00	153.10	153.50@154.00	153.80	1743	3307
6	155.50	156.60	153.70	154.50@.60	154.50	1448	3360
7	155.30	156.00	151.70	156.00@155.70	155.80	1728	3336
8	156.50	157.00	154.20	154.50@.80	154.70	1220	3396
11	151.00	153.50	150.50	153.30@.00	153.20	1626	3636
12	153.50	*158.20*	151.00	157.90@158.20B	158.00	1935	3764
13	159.50	159.50	155.20	156.00@155.60	155.80	1332	3945
14	155.50	160.00	155.10	158.60@.50	158.50	1518	3995
15	158.50	158.50	154.50	154.50@.80	154.70	1573	3916
18	154.70	155.80	152.50	154.30@153.70	154.00	1467	4050
19	154.00	156.30	152.90	154.00@153.10	153.60	933	3931
20	152.50	154.40	152.10	153.30@.10	152.20	1129	3804
21	152.80	154.40	150.20	150.30@.20	150.00	1469	3823
22	149.00	149.60	_*145.30_	145.50@.30	145.40	1975	3885
25	143.00	144.40	*141.10	143.60@.80	143.70	1068	3673
26	145.30	147.80	145.00	145.90@146.00	145.90	1249	3616
27	146.00	146.90	143.00	143.50@.00	143.30	1199	3550
28	145.00	145.80	143.00	144.90@145.30	145.10	1150	3481
29	149.50	149.80	147.30	148.60@149.00	148.80	1607	3253
IN FEBRUARY							
1	144.30	144.30	*143.80*	143.80A	143.80	433	3231
2	143.50	143.70	*140.60	141.70 @.40	141.60	1209	3273
3	141.20	142.00	*140.10	140.70@.30	140.50	736	3298
4	142.00	144.40	141.40	143.90@144.40	144.10	1136	3138
5	144.00	144.90	142.60	144.50@.00	144.20	743	3066
8	140.50	141.00	_*139.20_	140.20 @.00A	140.10	997	2865
9	139.00	141.40	*138.90	140.00@.20	140.10	674	2771
10	141.60	142.20	140.60	141.20@140.60	140.90	567	2729
11	141.50	141.50	139.60	140.30@.20	140.30	460	2676
12	141.20	*145.30*	141.20	141.70@142.00	141.80	1366	2533
16	138.00	142.90	*138.00	142.60@141.80	142.20	1522	2549
17	143.50	145.50	141.70	144.80@.90	144.80	1066	2391
18	145.50	146.30	142.80	143.50@142.80	143.20	1020	2353
19	141.50	142.10	139.80	140.00@139.80	139.90	1208	2255
22	142.20	142.80	140.60	141.60@.90	141.70	810	2063
23	140.90	142.30	138.70	139.30@.10	139.20	847	2042
24	138.00	138.70	*136.80	138.30@.50	138.40	882	1889
25	138.00	139.30	136.80	137.00@136.80	136.90	435	1807
26	136.10	136.20	*133.60	133.70@.60	133.70	484	1690

B—Bid; A—Ask; N—Nominal;
Italic figures indicate limit high or low price; #New Contract High; *New Contract Low
Note: Volume or Open Interest may be affected by cash-for-futures, spreads, and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries. Exchange holidays and days on which no sales, bids or offers occurred are omitted.

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1982 FUTURES CONTRACT IN MARCH 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
1	134.70	135.60	132.10	132.20@10	132.20	426	....	1514
2	132.20	132.50	130.60	131.50	131.50	604	....	1220
3	130.80	133.50	130.80	132.80@133.40	133.10	385	....	1195
4	133.70	137.40	133.60	135.60	135.60	713	....	915
5	135.20	135.30	134.20	134.40	134.40	345	....	779
8	136.50	136.70	134.50	134.80@135.00	134.90	313	....	625
9	134.90	136.40	133.00	133.90	133.90	188	....	492
10	135.50	136.80	134.30	135.90@136.00	135.90	201	....	387
11	136.90	139.20	134.80A	136.80	136.80	250	....	253
12	135.50	139.30	134.50	135.70@136.30	136.00	189	....	103
15	139.50	139.50	136.10	139.00	139.00	111	....	....

MAY 1982 FUTURES CONTRACT IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	164.50	165.50	_164.10_	164.10A	164.10	339	1835
5	161.50	161.80	159.50	159.80@.60	159.70	645	1961
6	162.50	163.50	160.20	161.10@.60	161.30	435	2020
7	161.30	161.70	158.70	161.50@160.80	161.20	531	2071
8	162.50	162.80	159.80	161.40@.30	161.30	375	2067
11	157.00	159.00	*156.60	158.10	158.10	644	2159
12	158.50	162.50	156.70	162.50@.00	162.20	813	2148
13	163.50	163.50	161.20	162.20@.00	162.10	642	2199
14	162.00	166.50	161.80	164.10@.50	164.30	787	2309
15	164.70	164.70	160.60	162.00@161.80	161.90	15	216
18	161.90	162.70	160.20	160.70@161.00	160.90	701	2438
19	161.50	162.50	159.70	160.50A@.00	160.30	408	2514
20	159.50	160.80	158.30	158.40@.50	158.50	621	2654
21	157.00	160.00	156.60	156.70@157.10	156.90	948	2816
22	155.50	155.50	*152.00	152.00@.10	152.10	1179	2928
25	149.00	149.80	*147.60	149.30@.10	149.20	862	2960
26	150.50	153.00	150.50	152.00@151.60	151.80	957	3118
27	152.00	153.00	148.60	148.80@149.20	149.00	1041	3155
28	150.00	151.40	148.10	150.50@.00	150.20	1023	3343
29	154.50	154.60	152.30	154.30@153.70	154.00	1084	3280

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	149.20	149.30	_149.00_	149.00A	149.00	282	3348
2	148.30	148.50	*146.00	146.20@.50	146.40	984	3439
3	146.00	147.20	*145.20	146.50@.20	146.40	774	3505
4	147.00	150.50	147.00	150.00@149.70	149.80	1082	3480
5	149.50	151.80	148.30	150.30@149.50	149.90	635	3520
8	147.30	147.50	*_144.90_	145.20@.00	145.10	1059	3592
9	144.30	146.40	*144.00	145.50@.30	145.40	773	3708
10	147.50	147.70	146.40	147.70@.30	147.50	528	3766
11	148.00	148.00	145.70	147.00@.40	147.20	589	3789
12	147.50	151.50	147.50	148.40@.20	148.30	1339	3829
16	146.50	149.10	144.70	148.60@.30	148.40	1323	3790
17	151.00	152.50	148.80	151.50@.40	151.40	1725	3946
18	152.20	153.10	149.60	149.60@150.00	149.80	1272	4028
19	149.50	150.20	147.50	147.50@.60	147.60	1238	4060
22	151.50	_152.60_	150.70	152.30@.20	152.20	1339	4081
23	151.20	152.40	148.10	148.10@.40	148.30	1774	3983
24	146.00	147.70	145.30	146.00@.30	146.20	2203	3999
25	145.80	147.70	145.70	146.60@.80	146.70	898	3992
26	145.70	145.90	*142.70	143.00@142.70	142.90	1888	3898

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1982 FUTURES CONTRACT
IN MARCH 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	144.10	145.70	*142.40	142.90@.80	142.90	1152	3984
2	143.00	144.40	*142.20	142.20@.50	142.40	1366	3902
3	142.20	143.50	*142.00	143.00@142.60	142.80	989	3908
4	143.80	145.50	143.10	143.40@.10	143.20	1470	4010
5	142.70	142.80	*139.60	140.20@.40	140.30	1495	4079
8	141.20	141.60	*137.50	138.50@.80	138.70	1180	4092
9	138.70	140.90	138.10	140.80@.70	140.70	865	4023
10	142.00	144.00	141.10	143.90@144.00	143.90	1351	3961
11	143.40	145.00	141.00	141.00@.40	141.20	1365	4067
12	141.00	142.70	139.30	140.50@141.00	140.80	1217	3993
15	140.20	141.80	139.20	140.00@.20B	140.10	1061	3836
16	140.70	143.50	140.70	143.20@.40	143.30	1010	3814
17	147.00	147.80	145.60	147.80@.50	147.60	2080	3522
18	149.00	149.00	146.60	147.30@146.70	147.00	1229	3419
19	148.50	148.80	147.50	148.20@.00	148.10	655	3263
22	150.00	150.70	149.50	150.40@.70	150.50	1044	3281
23	151.00	151.90	148.70	149.00@.20	149.10	1059	3264
24	148.70	149.60	148.20	148.90@149.10	149.00	638	3294
25	148.50	149.20	145.10	145.50@.10	145.30	1082	3213
26	144.50	144.70	141.80	141.80@142.30	142.10	1517	3001
29	140.50	142.10	140.20	141.80	141.80	896	2895
30	142.70	143.40	141.20	143.00@142.70	142.80	742	2995
31	142.80	143.00	141.60	142.50A@.30	142.40	466	2998

IN APRIL

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	143.50@.40	144.40	142.10	143.00@142.60	142.80	739	3048
2	141.90	143.30	141.80	142.80@143.30	143.00	375	3091
5	143.00	145.20	142.50	142.50	142.50	789	3043
6	142.70	143.00	138.00	138.00@.50	138.30	1491	2926
7	137.90@138.00	138.20	*136.90	137.50@.80	137.70	651	2983
8	137.00	139.80	137.00	139.00@.20	139.10	634	2895
12	139.50	141.20	138.00	140.50@.00	140.20	648	2970
13	139.80@.70	141.40	138.80	138.80@139.00	138.90	625	3000
14	137.50	138.80	*136.00	138.00	138.00	1011	2944
15	138.00@.40	138.90	137.00	137.50@.30	137.40	592	2840
16	137.30@.40	137.40	*135.10	136.50@137.00	136.80	648	2845
19	136.30@.00	138.00	*134.20	134.30@.20	134.30	721	2887
20	134.50@.70	135.00	*132.00	132.10@.00	132.10	621	2857
21	134.00	134.00	*130.50	130.50@.80	130.70	716	2723
22	130.50	131.00	*129.00	129.30@.70	129.50	644	2647
23	130.00	130.50	*126.20	126.30@.20	126.30	1168	2485
26	125.50	127.50	*124.10	127.00@126.60	126.80	688	2353
27	127.50	128.00	*123.30	123.30@.50	123.40	676	2213
28	122.80	123.70	*120.60	120.80@.70	120.80	627	2021
29	121.50@.20	*125.80*	121.00	125.80B	125.80	788	1872
30	127.00	128.40	123.90	126.70@127.00	126.80	590	1710

IN MAY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
3	125.50	126.30	124.20	124.70@.30	124.50	189	....	1671
4	124.00@123.90	124.50	121.80	124.20@.40B	124.30	446	....	1506
5	124.90	125.30	122.10	123.00@122.50	122.80	254	....	1472
6	124.00	126.20	123.50	124.10@.00	124.00	375	....	1438
7	125.90	127.50	124.80	127.50@.00	127.20	279	....	1363
10	125.70	125.70	124.00	124.10	124.10	142	....	1271
11	123.70	125.50	123.60	125.50	125.50	174	....	1138
12	125.50	126.40	*_120.50_	120.50A	120.50	556	....	813
13	117.00	118.00	*_115.50_	117.60	117.60	439	....	448
14	116.00	*122.60*	116.00	122.60B	122.60	272	....	217
17	....	....	....	....	....	11	22	195
18	....	....	....	....	....	6	61	134
19	....	....	....	....	....	1	19	109
20	....	....	....	....	....	....	56	53
24	....	....	....	....	....	....	4	49
25	....	....	....	....	....	....	11	38
26	....	....	....	....	....	....	4	34
27	....	....	....	....	....	....	15	19
28	....	....	....	....	....	....	19	....

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1982 FUTURES CONTRACT
IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	176.00	176.00	*173.70*	174.50B	174.50	90	667
5	172.70	172.70	170.20	170.50B	170.50	113	673
6	173.50	173.80B	171.10	171.50@.80B0	171.60	43	684
7	171.10	172.00	168.70	171.70B@172.00	171.80	147	721
8	171.90	173.80B	171.50	171.80@172.50B	172.10	63	714
11	170.50	170.50	168.00	169.10	169.10	124	764
12	168.80	172.40	168.00	172.40	172.40	162	791
13	172.80	173.00	171.50	172.00A@171.50	171.80	86	802
14	171.50	175.20	171.50	173.20@.90B	173.50	155	806
15	173.50	173.50	170.40	171.50@172.00B	171.80	129	840
18	172.20	172.40B	170.20	171.00B	171.00	72	857
19	171.50	172.20	169.70	170.90@.10A	170.50	74	879
20	169.70	170.30B	168.50	168.70@.50	168.60	119	855
21	168.00	169.80	*166.80	167.20	167.20	182	943
22	166.10	166.30	*162.30	162.30	162.30	372	935
25	159.00	160.40B	*158.20	159.80A@.00	159.40	206	975
26	161.40	163.70	160.20	161.40B	161.40	198	927
27	162.00	162.50	158.70	158.80@.70	158.80	124	944
28	160.00	161.00	158.60	160.30@.70	160.50	151	939
29	163.30	165.40	162.50	163.80@164.40	164.10	166	936
IN FEBRUARY							
1	160.00	160.00	*159.10*	159.10A	159.10	92	939
2	159.20	159.20	*156.50	157.20	157.20	268	985
3	156.80	158.00	*156.10	157.40	157.40	103	989
4	158.90	161.00	158.30	160.50	160.50	147	996
5	160.00	162.60	159.50	162.00@160.80	161.40	67	999
8	158.00	158.00	156.50	156.50	156.50	198	1048
9	156.20	157.60B	*155.90	156.90A@.50	156.70	133	1050
10	158.20	158.70	157.70	158.30@.50	158.40	84	1050
11	158.80	159.40	157.10	158.00@.40	158.20	115	1063
12	158.80	161.50	158.70	159.70A@.50	159.60	216	1036
16	157.00	159.90	*155.70	159.70@.40	159.60	258	1108
17	161.20	163.20	160.50	162.50	162.50	294	1146
18	163.50	164.20	161.50	161.50	161.50	313	1210
19	161.00	161.90	160.00	160.40@161.00	160.70	190	1235
22	164.20	164.40	163.20	164.40	164.40	357	1235
23	163.50	164.00	160.50	160.60	160.60	212	1268
24	161.00	161.00	156.00	157.30A@.00	157.20	708	1297
25	156.80	159.30	156.80	158.00@.50	158.20	156	1277
26	157.30	157.50	*154.30	154.60@.30	154.50	315	1289
IN MARCH							
1	155.80	157.50B	154.50	154.50@155.00	154.70	295	1319
2	154.90	156.60	154.50	155.50@156.00	155.70	299	1387
3	154.80	156.00	*154.10	155.10	155.10	271	1361
4	156.00	156.80	154.50	154.50	154.50	286	1315
5	154.20	154.20	*150.50	150.70@151.00	150.90	415	1297
8	151.70	152.40	*147.60	148.80	148.80	402	1415
9	148.70	150.90	148.30	150.80@.90	150.80	360	1490
10	152.00	154.30	151.40	154.30	154.30	279	1480
11	153.80	154.70	151.00	151.00	151.00	586	1540
12	150.50	152.50	149.00	150.70@.20	150.50	516	1505
15	150.30	151.90	149.20	151.00B@.90	151.40	262	1553
16	152.50	156.00	152.40	154.30@.00	154.10	814	1625
17	156.00	158.10	155.50	158.10@157.80	157.90	595	1537
18	157.00	158.00	156.40	156.80@157.20	157.00	516	1590
19	157.70	158.80	157.00	157.70@.50	157.60	414	1597
22	158.70	160.00	158.50	159.70@160.00	159.80	340	1635
23	160.50	160.80	157.50	158.50@.10	158.30	641	1627
24	158.00	158.80	157.40	158.60@.50	158.50	356	1627
25	158.00	159.40	156.30	156.70@.30	156.50	575	1746
26	155.00	155.20	151.60	151.70@.60	151.70	981	1766
29	150.70	152.50	149.80	152.00@151.60	151.80	565	1901
30	153.00	153.50	151.40	152.70@153.00	152.80	697	1895
31	152.50	152.80	151.50	152.50@.30	152.40	371	1884

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1982 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	152.70@153.00	154.50	152.50	152.90@153.00B	152.90	280	1871
2	152.10@.00	153.60	152.00	153.20@.40	153.30	214	1907
5	153.70	156.20	153.50	153.60@.90	153.70	634	1933
6	153.70	153.90	149.70	149.70@150.00	149.90	815	2077
7	149.30@148.80	149.50	147.90	148.80@149.00	148.90	984	2316
8	148.90@.70	151.40	148.70	150.80@151.20	151.00	492	2364
12	152.60@153.30	153.30	150.10	152.70@.50	152.60	734	2380
13	153.00@.30	154.50	151.30	151.50@.30	151.40	839	2424
14	149.80	151.20	148.60	150.70@151.00	150.90	1023	2503
15	150.50	151.40	149.80	150.00@149.80	149.90	434	2520
16	149.90	149.90	*146.50	147.00@.50	147.30	1243	2712
19	147.50@.30	150.60	*145.50	145.50@146.00	145.80	1345	2881
20	145.00	146.00	*143.10	143.10@.40	143.30	1155	2842
21	144.50	144.90	*141.10	141.50@.40	141.50	1358	2813
22	141.50@.40	141.90	*140.00	140.70@141.00	140.90	890	2821
23	142.50@.80	143.20	*139.10	139.40@140.00	139.70	1501	2939
26	139.50@.20	142.00	*137.60	142.00@141.50	141.70	1562	3121
27	142.20@.00	142.20	138.10	138.10@.40	138.30	1392	3186
28	136.30@.00	136.90	*134.40	134.60@.40	134.50	1695	3424
29	134.50@.40	*139.50*	*133.60	139.50@.50B	139.50	1847	3452
30	139.80	141.40	136.80	139.60@.50	139.50	1827	3322
				IN MAY			
3	138.80@.60	138.80	136.30	136.50@.30	136.40	736	3273
4	135.80@.60	137.70	*133.50	137.50@.70	137.60	1440	3426
5	138.00@.20	139.20	136.40	136.60@.80	136.70	943	3477
6	138.00@.40	139.80	137.30	138.80@139.00	138.90	1140	3586
7	141.00@.50	143.30	139.90	143.30@142.80	143.00	1907	3776
10	141.70	142.00	139.80	140.30@139.90	140.10	1226	3520
11	139.90@.80	142.30	139.10	140.80@141.00	140.90	1375	3545
12	141.70@.60	141.90	*135.90*	135.90@.90A	135.90	2157	3682
13	133.50@.70	136.50	*132.30	135.80@136.00	135.90	2187	3613
14	136.00@135.90	139.20	135.70	137.80@.50	137.60	1647	3620
17	137.20	138.50	134.50	135.70@.80	135.80	970	3534
18	136.50@.70	138.40	135.70	135.90@136.20	136.00	943	3507
19	136.00	140.30	135.40	140.30@.00	140.10	1403	3444
20	140.00@.10	141.70	139.60	140.30@.00	140.10	1598	3488
21	141.50@.90	141.90	138.60	140.50B@141.30	140.90	1132	3474
24	142.50@.00	142.50	139.20	140.50	140.50	805	3359
25	140.20@.00	142.50	140.00	142.00@.50	142.20	893	3281
26	144.50@.00	146.20	143.30	146.00@.20	146.10	2142	3251
27	145.00@144.50	146.40	144.20	145.40A@144.80	145.10	1043	3174
28	144.50@.40	145.50	142.60	142.90@.60	142.80	993	3214
				IN JUNE			
1	139.50@.00	139.90	*137.80*	137.80A	137.80	1604	2883
2	135.00@134.80	137.30	134.70	135.00@134.70	134.90	1566	2810
3	134.60@.70	135.70	*130.90	130.90@131.20	131.10	1652	2605
4	131.10@.40	133.00	*129.00	131.00@132.00	131.50	1192	2629
7	130.50	134.70	130.50	133.30	133.30	889	2459
8	133.00@.10	135.30	132.50	133.50@134.00	133.70	747	2431
9	135.40@.00	138.20	135.00	138.00@137.50	137.70	1144	2491
10	139.50@140.00	141.00	138.40	138.80@139.50	139.10	1418	2616
11	143.50@.00	143.50	141.30	143.30@142.30	142.80	1506	2427
14	140.00	140.10	*137.80*	137.80@.80A	137.80	1076	2417
15	136.80	139.40	136.10	136.40A@.10	136.30	1012	2364
16	137.50@.90	138.40	136.30	136.80@137.50	137.10	671	2447
17	141.50@142.00	142.00	136.50	139.60@.50	139.50	1541	2195
18	140.50@.80	140.80	138.30	139.70@.90	139.80	755	2112
21	139.50@.00	140.80	134.80	139.00@.50	139.30	1865	2100
22	138.50@.30	140.50	137.50	138.50@.10	138.30	493	1917
23	138.30	138.90	136.40	137.50@.80	137.70	360	1728
24	139.00	140.00	137.40	137.40@.80B	137.60	340	1663
25	136.70@.50	137.00	135.30	135.50@136.10	135.80	367	1508
28	136.00	137.20	134.50	137.00@.20	137.10	337	1444
29	137.40	138.40	135.70	137.20@.00	137.10	270	1355
30	138.50@.60	138.60	136.70	136.90@137.50	137.20	279	1221

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1982 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
1	137.40	138.10	136.20	138.10	138.10	201	....	1129
2	137.30	138.50	137.20	137.80@138.20	138.00	134	....	1106
6	140.50@141.00	141.00	137.50	137.90@138.20B	138.00	201	....	1006
7	138.30	139.50	137.80	139.40@.50	139.40	139	....	935
8	139.50@.80	140.40	139.00	140.00	140.00	263	....	817
9	140.90	143.00	139.80	142.70@.50	142.60	360	....	612
12	142.50	143.30	140.20	140.90@.50	140.70	217	....	476
13	138.80@.50	138.80	136.20	138.00	138.00	219	....	356
14	136.00	138.00	134.30	135.50@.10	135.30	209	....	225
15	135.50	137.80	131.00	134.50@136.00	135.30	115	....	117
16	....	....	....	....	....	6	33	84
19	....	....	....	....	....	....	70	14
20	....	....	....	....	....	....	1	13
21	....	....	....	....	....	....	10	3
23	....	....	....	....	....	....	2	1
26	....	....	....	....	....	....	1	....

SEPTEMBER 1982 FUTURES CONTRACT
IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	184.70	184.80	182.60	182.60@.90	182.80	21	580
5	181.00	181.20B	178.50	178.50@.70	178.60	90	591
6	180.00	181.00B	178.60	180.50	180.50	34	600
7	181.00	181.00	177.50	180.00	180.00	88	592
8	180.30	181.50B	180.00	180.50@181.50B	181.00	28	609
11	178.00	178.70B	177.00A	178.30	178.30	23	613
12	177.50	181.50	176.80A	181.00@.50	181.20	69	629
13	180.00	180.80	179.60	180.00	180.00	20	632
14	180.50	182.90	180.00	182.70	182.70	26	625
15	182.00	182.00	179.60	179.90B	179.90	25	615
18	179.90	179.90	177.80	178.10	178.10	48	612
19	178.90	179.70	177.30	178.40	178.40	78	638
20	178.00	178.50B	176.60	176.70@.80	176.80	38	625
21	176.60	178.20	176.30	176.90	176.90	42	625
22	176.00	176.01	171.90	171.90A	171.90	122	640
25	169.50	169.50	*166.90	168.00	168.00	68	636
26	169.50	171.30	168.00	169.00	169.00	63	635
27	169.00	170.20B	167.30	167.30	167.30	44	628
28	167.40	169.00	167.00	168.70@169.00	168.80	50	644
29	170.50	173.80	170.50	173.80B	173.80	90	666

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	170.00	170.00	168.80	168.80A	168.80	39	673
2	168.00	168.00	*165.90	166.50@.20	166.40	77	675
3	166.00	167.20	*165.70	166.10@.40B	166.30	78	680
4	167.50	169.80	167.50	169.50@.80	169.60	37	688
5	168.60	171.20B	168.50	171.00@170.00A	170.50	46	699
8	169.00	169.00	165.80	166.20@.00	166.10	92	682
9	166.00	167.10B	*165.50	166.20@165.50	165.90	25	694
10	167.50	167.50	166.20	167.20@.30	167.20	24	697
11	167.50	167.50	166.60	167.50B	167.50	19	696
12	169.00	171.00	167.90	168.70	168.70	39	712
16	166.50	167.90	*165.00	167.90@.80	167.90	88	733
17	168.00	169.50	167.50A	169.40@.00A	169.20	124	777
18	169.50	170.20	168.80	169.00	169.00	106	734
19	167.40	168.50	167.00	167.00	167.00	59	743
22	170.00	171.80	170.00	171.80@.00	171.40	68	778
23	170.50	171.00	167.70A	168.00@167.70A	167.90	53	800
24	167.50	167.50	*164.20	166.00@167.20	166.60	113	808
25	165.00	166.90	165.00	165.80@166.50	166.20	45	806
26	165.00	165.30	*163.20	163.20@.80	163.50	105	763

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1982 FUTURES CONTRACT
IN MARCH 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	164.90	165.40	*163.00	163.50@.00	163.30	74	777
2	163.10	165.00	*162.80	164.00@163.00A	163.50	74	799
3	162.60	163.90B	*162.60	163.00@.50	163.30	29	805
4	164.00	165.00	162.80	162.80@163.60	163.20	62	808
5	162.80	162.80	*_158.20_	159.00@.50	159.30	114	800
8	159.50	160.10	*155.30	157.00@.50B	157.30	96	806
9	157.50	159.50	156.80	159.50@.00	159.20	93	814
10	159.50	162.20	159.20A	162.20	162.20	85	831
11	161.80	162.20	160.40	160.50@.80	160.70	107	861
12	160.20	161.30	157.60	159.00@.50	159.30	149	864
15	158.80	160.00	158.20	160.00	160.00	68	865
16	160.50	163.00	160.50	162.30@.00	162.10	82	851
17	164.00	165.70	163.20	165.70	165.70	118	846
18	165.10	166.30	164.30	165.40@.00	165.20	114	837
19	165.60	166.60	165.30	165.80	165.80	51	832
22	166.80	167.90	166.50	167.30@.50	167.40	77	823
23	168.00	168.70	165.50	166.40	166.40	94	864
24	166.10	166.80	165.60A	166.80	166.80	37	871
25	165.70	166.80	163.80	164.00B	164.00	97	886
26	163.00	163.00	159.90	160.00@159.90	160.00	127	876
29	159.00	160.80	158.40	160.80@.50	160.60	88	874
30	162.00	162.00	159.00	159.60@160.00	159.80	101	865
31	160.00	160.00	159.20	159.70@.50	159.60	114	880

IN APRIL

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	160.00	161.80	159.80A	160.00@.10	160.00	35	891
2	159.80	161.40	159.20	161.40@.00	161.20	74	904
5	161.00	163.30	161.00	161.80	161.80	129	918
6	161.00	161.00	157.30	158.00	158.00	124	898
7	157.00@156.70	158.00	156.20	156.60@157.00	156.80	129	886
8	156.30@.20	159.30	156.20	159.30@.00	159.10	137	881
12	160.30	160.80	158.50	160.50@.30	160.40	115	869
13	160.20	161.60	159.00	159.00@.40	159.20	100	863
14	157.90@.70	159.00B	157.00	159.00@158.50	158.80	64	865
15	158.20	159.00B	157.60	158.40@.20	158.30	125	899
16	158.00@157.70	158.00	*154.90	157.00@.10	157.10	199	971
19	156.80@.60	159.40	*154.30	154.30@155.50	154.90	255	1021
20	154.50	155.00	*152.50	152.50@.90	152.70	133	1055
21	154.50	155.00	*150.50	151.40B	151.40	251	1084
22	149.80@.50	150.80	*149.10	*150.30@.50B	150.40	185	1104
23	151.80	151.80	*149.00	149.50	149.50	277	1135
26	149.50@.70	151.60	*147.20	151.20@.60	151.40	354	1109
27	151.60	151.90	148.00	148.50@.20	148.40	339	1122
28	147.20@146.90	147.20	*144.40	144.80@.40	144.60	668	1265
29	144.00	*149.60*	*143.40	149.60B	149.60	499	1217
30	148.50	151.00	146.20	148.50	148.50	276	1207

IN MAY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
3	147.50	147.70B	145.30	145.90@.30	145.60	147	1236
4	145.30@.20	146.50	*142.80	146.50@.00	146.20	356	1301
5	146.50@.80	148.40	145.50	146.40@.50	146.40	206	1305
6	147.80@.90	149.20	147.10	148.00	148.00	363	1439
7	151.00	152.60	148.70A	152.60@.00	152.30	446	1450
10	151.30@150.80	151.30	149.50	150.30	150.30	235	1459
11	150.30@.00	152.20	149.30	150.30@.00	150.20	254	1442
12	152.00	152.00	*145.20*	145.30@.20	145.30	524	1519
13	144.80@.30	147.50	143.70	146.80@.50	146.60	517	1564
14	146.80@147.00	150.50	146.50	149.30@148.60	148.90	559	1539
17	148.80	149.50	145.80	146.50@.30	146.40	373	1542
18	147.50	148.40	145.40	145.40@146.00	145.70	302	1548
19	146.50	149.50	145.00	149.30@.00	149.10	431	1498
20	148.50	150.40	147.80	150.20@.00	150.10	885	1667
21	151.20@.60	151.60	148.20	150.80@151.20	151.00	358	1692
24	151.50@.30	151.80	148.30	149.30@.60	149.50	371	1687
25	149.10@148.70	151.00	148.70	151.00	151.00	301	1703
26	152.50@.20	154.90	151.70	154.00@.20	154.10	800	1757
27	153.50	154.80	152.80	153.50@.20	153.40	429	1794
28	153.00	154.20	152.00	152.10@.70	152.40	342	1726

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1982 FUTURES CONTRACT
IN JUNE 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	150.50@.40	150.50	*147.40*	147.40A	147.40	563	1688
2	145.30	146.50	143.80	143.80@144.20	144.00	820	1747
3	144.00@.20	144.90	*141.00	141.20@.00	141.10	900	1795
4	140.30@.10	142.00	*137.00	139.70@.00B	139.40	953	1755
7	130,80@.50	142.30	138.50	141.00@.30	141.10	644	1723
8	141.10@140.80	142.00	140.30	140.50A	140.50	508	1717
9	141.50@.30	143.50	141.30	143.20@.40	143.30	744	1827
10	146.00@145.70	146.00	142.00	142.40@.00	142.20	938	1865
11	145.20@.50	145.50	142.90	144.80A@.00	144.40	966	1950
14	140.50	141.20	*139.40*	139.40A	139.40	668	2023
15	137.80@.60	139.50	*136.00	136.50@.10	136.30	996	2105
16	136.80	138.50	136.00	136.50@.80	136.60	797	2224
17	140.50@141.60	*141.60*	*135.00	137.50@138.10	137.80	1545	2280
18	137.00	137.80	135.20	135.50@136.00	135.80	714	2246
21	135.00	138.50	*131.60	138.20@.50	138.30	1208	2233
22	138.30@.00	141.00	137.20	138.80@139.00	138.90	974	2157
23	137.70@.30	138.80	136.00	137.10@136.80	137.00	887	2210
24	140.30@.50	140.50	136.50	137.50@.00	137.20	969	2170
25	135.20@134.80	135.90	134.20	134.70@.50	134.60	759	2064
28	134.50@.30	134.80	132.50	134.50@.20	134.40	633	2228
29	134.90@135.00	135.90	134.10	135.50@134.80	135.10	630	2290
30	137.00@136.50	137.60	136.10	137.20@.50	137.30	793	2287
IN JULY							
1	137.30@.10	139.50	136.20	139.20@138.50	138.80	1190	2298
2	138.10	139.30	137.80	138.70@139.30	139.00	546	2296
6	141.00	141.00	136.40	136.80@.40	136.60	1194	2377
7	136.50@.30	137.50	135.50	137.50@.00	137.20	679	2367
8	138.40@.30	139.70	137.50	139.50@.00	139.20	802	2481
9	141.00@140.50	*144.20*	140.00	144.20@.20B	144.20	2072	2393
12	145.00@.30	146.40	143.50	145.00@.40	145.20	1711	2482
13	143.50@.80	143.80	142.00	142.50@.10	142.30	1108	2523
14	142.00@141.60	142.00	140.20	141.90@.50	141.70	859	2603
15	142.70@.60	143.50	141.80	142.40@.10	142.20	831	2703
16	142.50@.80	144.20	142.50	143.50@144.00	143.70	925	2697
19	144.00@.30	144.30	140.80	141.80@.20	141.50	791	2646
20	140.50@.70	140.90	136.70	136.70@137.00	136.90	1736	2399
21	137.50@.70	139.00	137.20	138.00@137.50	137.70	924	2337
22	137.40@.30	138.50	136.50	137.50@138.50	138.00	624	2378
23	138.20@.10	139.00	137.00	137.70@138.00	137.90	639	2510
26	135.00@134.50	135.50	133.30	134.10@.20	134.20	1256	2392
27	133.50	134.80	133.50	133.70@.50	133.60	577	2379
28	132.10	133.90	132.10	133.00@.70	133.40	655	2276
29	134.40	136.00	132.50	133.60@134.00	133.80	1067	2062
30	133.80	133.80	132.00	132.50@.00	132.30	505	1917
IN AUGUST							
2	134.90@.80	134.90	133.60	134.40@.00	134.20	406	1924
3	133.50@.10	133.50	*130.50	131.00@130.50	130.80	936	1978
4	130.90@.80	133.20	*129.50	132.70	132.70	887	1957
5	132.20@.10	135.50	131.30	135.50@.00	135.20	1187	1825
6	134.80	134.80	133.50	134.00@.50	134.30	423	1792
9	132.50@.00	133.00	*129.30	130.40@.00	130.20	689	1817
10	130.70	130.70	*128.00	128.00@.50	128.30	448	1766
11	127.50	129.80	*127.30	129.40@128.70	129.00	413	1676
12	129.20	129.40	128.30	128.90@.50	128.70	248	1644
13	128.50	128.50	*123.70	125.30@.50	125.40	770	1710
16	126.60@.50	127.80	124.80	125.50@.10	125.30	496	1743
17	126.20@.50	126.80	124.40	125.30@126.00	125.60	426	1701
18	130.60@.60B	*130.60*	130.60	130.60B	130.60	249	1655
19	131.50@130.60	133.00	128.50	132.70@.50	132.60	1142	1490
20	133.70@134.20	135.20	131.20	135.00@.20	135.10	601	1408
23	134.00	137.90	134.00	137.20@136.80	137.00	623	1324
24	136.80	138.80	135.70	137.80@138.00	137.90	662	1218
25	134.00	136.50	134.00	134.80@135.30	135.10	377	1190
26	136.50	136.90	133.70	135.00@134.00	134.50	274	1110
27	133.00	134.20	132.60	134.00@.20	134.10	283	990
30	133.80@.70	133.80	132.00	132.80@133.30	133.10	149	924
31	134.00	135.50	133.50	134.90	134.90	179	863

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1982 FUTURES CONTRACT
IN SEPTEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
1	135.00	135.60	133.70	133.80@134.00	133.90	171	....	813
2	134.10	134.10	132.00	133.40	133.40	128	....	765
3	134.10	135.00	133.50	134.10	134.10	84	....	733
7	134.80	136.50	133.10	134.00@.50	134.20	151	....	610
8	133.50	134.50	131.60	134.50	134.50	103	....	499
9	133.50	133.50	132.60	132.70	132.70	75	....	446
10	132.00	132.10	131.00	131.60	131.60	77	....	379
13	131.70	134.00	131.70	133.70	133.70	120	....	317
14	133.70	134.30	132.50	132.70@.50	132.60	168	....	168
15	133.00	133.00	*127.60*	127.60A	127.60	145	....	44
16	....	....	....	....	....	16	7	36
17	....	....	....	....	....	....	31	5
21	....	....	....	....	....	....	1	4
22	....	....	....	....	....	....	3	1
24	....	....	....	....	....	....	1	....

NOVEMBER 1982 FUTURES CONTRACT
IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	184.50	184.50	182.10A	182.10A	182.10	21	533
5	181.50	181.50	178.20A	178.20A	178.20	34	542
6	179.50	180.50	178.80	179.50	179.50	14	554
7	180.50	180.50	178.50A	178.80B	178.80	47	558
8	179.80	181.00	179.50	180.00@179.60A	179.80	43	572
11	178.00	178.00	176.10A	177.30A	177.30	18	581
12	177.50	180.20B	176.50A	178.50@180.00B	179.20	47	571
13	180.00	180.00	178.00A	178.80@.50	178.70	12	576
14	179.50	183.00B	179.50	182.10	182.10	44	583
15	181.50	181.70B	180.10A	181.20	181.20	19	595
18	180.30	181.20	180.10	180.10	180.10	93	618
19	180.90	181.30	179.50	180.00	180.00	19	618
20	180.50	180.50	178.00	178.10@.00	178.10	26	633
21	178.50	179.30	177.00	177.50@.00	177.30	72	641
22	177.50	177.50	172.60	173.00@172.60	172.80	74	660
25	172.50	172.50	*168.80A	170.10A	170.10	72	673
26	172.30	172.80B	170.10	170.50A@.10	170.30	18	669
27	172.00	172.00	*168.10	168.70@.10	168.40	27	668
28	170.00	170.50B	168.50A	169.00@.50	169.20	23	671
29	173.00	*174.20*	172.00	173.10@.00	173.00	44	673
IN FEBRUARY							
1	169.00	169.00	*168.00	168.00A	168.00	49	673
2	167.50	170.00	*167.50	168.70B	168.70	41	687
3	168.70	170.00	168.30	169.10	169.10	68	690
4	170.20	172.90	170.20	172.90@.30A	172.60	43	676
5	172.60	173.00	170.50	171.80B	171.80	39	680
8	171.00	171.00	168.30	168.30	168.30	39	672
9	168.20	169.00	*167.00	167.00	167.00	30	676
10	168.00	169.00	168.00	168.00	168.00	19	678
11	169.50	169.50	168.50A	168.50B	168.50	25	691
12	169.50	171.80	168.50	168.50	168.50	60	692
16	167.50	168.00	*166.10A	167.00@168.00	167.50	41	688
17	170.00	170.70	168.20A	170.50A@.00	170.20	49	692
18	170.50	171.50	168.70	169.10@168.70	168.90	108	739
19	167.20	169.50	167.20	168.30	168.30	36	728
22	171.00	172.80	171.00	172.80@.00A	172.40	75	727
23	171.50	172.50	169.00A	169.20@.00A	169.10	24	726
24	167.50	169.10	166.40	167.10	167.10	67	749
25	167.50	169.10	167.00A	167.50	167.50	13	746
26	166.50	167.50	*165.50A	165.50A	165.50	67	728

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1982 FUTURES CONTRACT
IN MARCH 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	166.00	167.40	165.60	165.70	165.70	49	726
2	165.80	167.40	*165.40	166.00@165.80A	165.90	29	723
3	165.90	166.50B	165.50	165.50	165.50	49	704
4	166.80	167.20	*164.90	164.90	164.90	53	683
5	164.50	164.50	**159.90*	159.90	159.90	122	655
8	161.30	161.30	*157.10	157.10@158.00B	157.60	59	669
9	157.60	160.00	157.60	160.00	160.00	46	663
10	161.30	163.20	161.30	163.10@.20	163.10	61	675
11	162.60	163.50	162.00	162.00	162.00	71	675
12	161.50	162.70B	159.00A	160.00B	160.00	75	711
15	159.50	161.00	159.50	159.50@160.30B	159.90	29	728
16	161.00	*164.90*	161.00	163.30@.20	163.20	83	747
17	166.30	166.80	164.80A	166.30@.80B	166.50	118	726
18	166.50	167.20	166.00	167.00@166.70	166.80	52	719
19	166.50	167.90	166.50	166.50@167.00B	166.80	42	717
22	168.70	169.80	168.30	168.50@169.00	168.70	71	711
23	169.20	169.90	167.20	167.70@.20	167.50	49	705
24	167.00	167.90	167.00	167.90@.70	167.80	29	694
25	167.50	168.40B	164.60	165.00@164.50	164.80	60	686
26	164.00	164.00	161.30	161.50@.30	161.40	85	651
29	159.70	161.60B	159.60	161.50	161.50	30	655
30	162.50	163.20B	159.90	160.60@161.00B	160.80	27	662
31	160.50	160.70	159.80	160.50	160.50	36	672
IN APRIL							
1	161.00	162.70	160.50A	161.20A	161.20	19	679
2	161.00	162.20	160.40	162.20@.00A	162.10	22	693
5	162.00	164.30B	162.00	163.00@.50B	163.20	25	569
6	162.20	162.20	158.60A	158.60A	158.60	60	574
7	158.00	158.70	157.20	158.00A	158.00	75	532
8	157.20	160.20B	157.20	160.20B	160.20	55	537
12	161.00	162.00B	159.50A	160.80@161.00B	160.90	28	532
13	162.00	162.20B	160.10	160.50@.10	160.30	44	531
14	159.50	160.00	158.50	159.50@.00	159.30	69	531
15	160.00	160.30	159.00	159.00@.50B	159.30	50	545
16	158.80	158.80	*156.60	158.00	158.00	41	553
19	157.50	160.20B	*155.50	156.50A@155.50	156.00	37	551
20	156.00	156.80	*154.10	154.10@.70	154.40	58	563
21	155.20	156.00	*152.50	152.50	152.50	103	588
22	152.00@151.80	153.00	*151.20	151.50	151.50	31	592
23	152.80	153.20B	*150.50	150.50	150.50	32	594
26	151.00@.10	153.50	*150.00	153.00@152.50	152.70	83	607
27	153.50	154.50	150.10	150.10	150.10	84	611
28	150.10	150.10	*147.60	147.60	147.60	102	630
29	147.30	*152.60*	*146.70	152.60@.60B	152.60	68	620
30	152.00	153.00	149.20	149.50@.20	149.40	101	629
IN MAY							
3	149.70	149.70	147.70A	147.90@.70A	147.80	41	631
4	147.10@146.60	148.70	*146.00	148.20	148.20	57	632
5	149.80	150.80	148.00A	148.40	148.40	49	656
6	151.40@.60	151.80	150.20	150.20	150.20	47	658
7	152.30@.60	155.00	151.80A	154.00	154.00	97	645
10	153.30	154.00	152.00A	153.50@.90	153.70	69	679
11	153.00	156.20	152.50A	155.00@154.50	154.70	132	697
12	155.50	156.10	149.80	151.20@150.10	150.70	210	710
13	150.00	152.60	149.50	151.50	151.50	159	798
14	151.70	154.20	151.00	153.50@.00	153.20	115	834
17	153.20	153.60B	150.20	150.20	150.20	134	833
18	150.30	151.70	149.50	149.50	149.50	74	842
19	150.00	153.40	149.80	153.40@.00	153.20	65	798
20	153.50	154.20B	152.20	153.30@.50B	153.40	94	809
21	154.70	154.70	151.90	153.50@154.50	154.00	47	832
24	155.50	155.50	152.40	153.30@.50	153.40	24	820
25	153.00	154.80	153.00	154.80@.50	154.60	32	817
26	155.00	158.80	155.00	158.20@.80	158.50	236	851
27	157.00@156.70	158.40	156.70	158.00@.20	158.10	89	854
28	156.50	158.80	156.20A	156.20B@.40	156.30	43	854

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1982 FUTURES CONTRACT IN JUNE 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared	Open Interest
1	154.30@.20	154.30	*151.30*	151.30A	151.30	138	885
2	150.40	151.00	146.50	148.50A@146.50	147.50	215	837
3	148.00	149.10	**142.50*	144.00@142.50	143.30	319	900
4	143.50	145.30	*141.00	142.50B@143.50	143.00	265	921
7	142.60@.70	145.90	142.60	145.50@.90	145.70	289	1012
8	144.00	146.30B	144.00	145.40@144.70	145.10	111	968
9	145.50	147.80	145.50	147.50A@.10	147.30	162	1015
10	149.50@150.00	150.00	145.60	145.60@146.70	146.00	201	1085
11	148.50@149.00	149.00	145.50	147.50@146.80	147.10	320	1101
14	145.00	145.00	*142.10*	142.10	142.10	175	1073
15	141.10	142.20B	*138.10	138.10	138.10	359	1085
16	139.00@138.80	140.50	*137.60	138.10@137.60	137.90	215	1133
17	142.00@.20	142.20	*136.00	137.50@136.50	137.00	514	1277
18	136.50	137.30B	*134.60	135.00@.10	135.10	361	1271
21	135.00@134.90	138.30	*132.60	137.40@138.00	137.70	608	1314
22	138.00@.30	140.80B	137.50	139.80B@140.50	140.10	263	1235
23	138.60@.50	139.60B	136.80	137.50@138.30	137.90	262	1260
24	138.80@139.40	139.90	137.50	138.40@137.50	137.90	211	1233
25	137.30@.00	137.30	135.30	135.50@136.00	135.80	184	1200
28	135.80	136.00	134.20	135.80@136.00	135.90	154	1191
29	136.00@.20	137.00	135.60	136.80@.20	136.50	76	1199
30	139.90@141.20	141.20	138.00	139.20@.50	139.30	323	1273
IN JULY							
1	139.00@.50	140.40	138.00	140.00@139.00	139.50	227	1339
2	138.50	140.40	138.50	140.40	140.40	157	1282
6	141.50@.80	141.80	137.50	138.70@.50A	138.60	242	1283
7	137.80	138.30	136.60	138.30@.00	138.20	204	1294
8	139.00	139.90	137.70A	139.50@.90	139.70	263	1311
9	141.00@.70	*144.70*	140.80	144.70@.70B	144.70	471	1242
12	145.50	147.40	145.00	146.80@.00	146.40	559	1324
13	144.80@.60	145.30	143.90	144.10@.80	144.50	378	1327
14	144.00@143.50	144.50	142.20	144.50@.10	144.30	297	1268
15	145.20@.30	146.50	144.70	145.50@.00A	145.20	296	1249
16	145.50	148.30	145.50	148.20@.30	148.20	555	1163
19	149.30@.50	149.50	144.80	145.10A@144.80	145.00	480	1213
20	144.00@143.70	144.50	141.00	141.00@.50	141.30	527	1261
21	142.20	144.20	142.00	142.40@.20	142.30	768	1404
22	141.10@.50	142.20	140.80	141.80A@.60	141.70	319	1429
23	141.30	142.90	141.10	141.80@142.50	142.10	259	1457
26	139.60@.20	140.20	138.30	138.50	138.50	515	1453
27	137.80	139.50	137.50	137.50	137.50	647	1454
28	136.60@.50	138.00	136.30	136.70@137.00	136.90	507	1286
29	137.80	138.90	133.50	135.00A@133.50	134.30	758	1393
30	135.50@.70	136.30	135.00	135.20@.00	135.10	451	1494
IN AUGUST							
2	137.40	137.90	136.50	137.70	137.70	416	1529
3	137.00	137.50	135.60	136.20@.30	136.30	577	1646
4	135.90@136.00	137.40	134.30	136.60@.90	136.70	719	1589
5	136.00@.20	138.00	135.50	137.20@136.80	137.00	417	1634
6	136.90@137.00	137.00	135.80	136.40@.50	136.50	237	1645
9	134.50	135.90	133.20	133.40@.30	133.40	538	1624
10	134.00	134.00	*132.10	132.50@.10	132.30	467	1599
11	132.00	133.80	*131.00	132.00@131.80	131.90	370	1577
12	132.40@.30	133.40	131.20	132.60@.30	132.40	307	1603
13	132.10	132.20	*129.50	130.50@.30	130.40	630	1681
16	132.20@.40	133.40	130.70	131.40@.20	131.30	514	1724
17	132.00@131.80	133.30	131.20	132.60@133.20	132.90	569	1803
18	137.90@.90B	*137.90*	137.90	137.90@.90B	137.90	325	1957
19	138.70@.50	139.70	135.50	139.30@138.80	139.00	1571	2104
20	141.20	142.50	139.00	142.00B@.50	142.20	1306	2359
23	141.80@142.00	145.50	140.60	145.50@.00	145.20	1167	2571
24	145.80@146.00	147.80	144.20	146.00@.30	146.10	1461	2806
25	144.60@.50	145.70	143.10	144.30@.00	144.20	1124	2745
26	145.40	146.10	142.20	142.40@.20	142.30	1180	2682
27	141.00	141.20	140.00	140.70	140.70	1072	2697
30	140.30@.10	140.30	138.80	139.50A@.00	139.30	774	2619
31	139.60@.80	142.40	139.60	142.40@.00	142.20	965	2724

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1982 FUTURES CONTRACT
IN SEPTEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	142.00@141.70	144.20	141.50	142.90@.70	142.80	1062	2847
2	143.00	143.20	140.60	140.60@.90	140.80	771	2847
3	140.80@.50	144.00	140.30	143.50@.30	143.40	1057	2974
7	144.00@.20	144.50	140.60	142.00@141.80	141.90	1161	2781
8	140.50@139.50	141.70	138.60	141.70@.10	141.40	1341	2739
9	141.00@140.80	141.00	139.00	139.40@.00	139.20	814	2831
10	138.00@137.80	138.00	135.20	135.50@.20	135.40	1855	2800
13	135.50@.40	137.50	135.40	136.80@137.30	137.00	798	2663
14	138.00@137.80	139.20	135.90	135.90@136.10	136.00	867	2511
15	136.80@137.00	137.10	135.10	136.00	136.00	1059	2440
16	135.20	137.90	135.20	136.50@137.00	136.70	688	2490
17	135.00	137.40	134.80	134.80@135.00	134.90	665	2523
20	134.40	134.90	132.20	132.20@.30	132.30	1257	2687
21	133.40	134.00	132.50	133.30@.00	133.10	587	2752
22	135.00	135.90	133.20	134.00@133.50	133.70	1209	2920
23	133.70@.80	134.60	133.10	134.40@.00	134.20	516	2912
24	133.40@.20	133.90	132.70	133.00@.40	133.20	531	2926
27	133.70	133.80	132.10	132.50@.10	132.30	345	2916
28	132.20@.00	132.60	131.10	131.60@132.00	131.80	697	2999
29	131.70	132.20	129.50	129.50@.80	129.70	774	2883
30	129.50@.00	130.30	*128.00	130.00	130.00	847	2802
IN OCTOBER							
1	133.00	133.00	131.20	131.80@132.50	132.10	962	2726
4	129.80@.60	131.00	128.60	130.80@131.00	130.90	528	2665
5	131.30@.50	133.00	130.30	132.80@133.00	132.90	542	2727
6	133.80	*137.90*	133.50	136.00@135.50	135.70	1669	2634
7	137.40@.90	140.30	137.30	140.30@.00	140.10	1573	2674
8	140.80@.90	141.00	137.30	138.90@.50	138.70	1070	2665
11	141.50@.30	*143.70*	140.30	143.70@.70B	143.70	1447	2789
12	142.90	143.30	140.60	142.20@143.00	142.60	1130	2822
13	141.00@140.80	144.90	140.50	144.50@.30	144.40	1283	2944
14	143.70	147.30	143.40	145.30A@144.00	144.60	923	2941
15	143.60	144.60	142.10	142.20@.10	142.20	502	2871
18	142.00@141.70	145.20	141.60	144.50@.00	144.20	482	2823
19	145.00	146.90	143.60	144.50@143.60	144.10	729	2832
20	141.00@140.50	141.60	*139.10*	139.10A	139.10	701	2697
21	138.50	139.90	136.10	136.50@.10	136.30	821	2552
22	136.50@.30	137.70	135.60	136.60@137.00	136.80	431	2403
25	134.30@.10	135.20	133.00	133.60@.00	133.30	728	2170
26	133.70	136.00	133.20	135.20B@136.00A	135.60	529	2110
27	135.60	136.40	134.60	135.50@.70	135.60	378	1951
28	136.40@.60	137.50	136.00	136.80@.50	136.60	529	1893
29	138.30	141.40	137.50	141.20@.40	141.30	662	1730

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Deliveries	Open Interest
1	142.00	143.90	141.20	142.10@.50	142.30	589	....	1677
2	142.30	144.50	141.20	142.00@.50	142.30	330	....	1648
3	143.70	143.80	141.10	141.20	141.20	372	....	1557
4	143.00	*146.20*	143.00	146.20B	146.20	398	....	1357
5	147.20@.00	151.00	147.00	149.00@148.50	148.70	482	....	1200
8	147.00@146.50	149.90	146.50	149.70	149.70	236	....	1143
9	147.60	150.00	146.60	148.50@149.00	148.80	259	....	1154
10	149.30	149.30	146.70	146.70	146.70	183	....	995
11	145.60@.50	146.50	143.70	144.80	144.80	273	....	812
12	147.00	*149.80*	146.00	149.80	149.80	321	....	575
15	149.70	149.70	144.90	145.50	145.50	225	....	336
16	....	....	....	....	....	31	101	235
17	....	....	....	....	....	....	55	180
18	....	....	....	....	....	....	32	148
19	....	....	....	....	....	....	17	131
22	....	....	....	....	....	13	48	70
23	....	....	....	....	....	....	6	64
24	....	....	....	....	....	....	22	42
26	....	....	....	....	....	....	18	24
29	....	....	....	....	....	....	20	4
30	....	....	....	....	....	....	4	....

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1983 FUTURES CONTRACT IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	192.00	192.00	189.50A	189.50A	189.50	19	474
5	187.50	187.50	185.70A	185.70A	185.70	29	493
6	187.40	187.50	186.50A	186.80@187.50B	187.10	12	500
7	187.00	187.50	186.00A	186.20B	186.20	74	515
8	188.50	188.50	187.20	187.20	187.20	24	530
11	185.20	185.80B	184.30	185.30A	185.30	8	528
12	185.50	188.00B	184.80A	187.00@185.80	186.40	33	512
13	187.00	187.00	186.00	187.00@186.00	186.50	21	513
14	187.50	190.90	187.50	189.50B@190.00	189.70	34	490
15	189.50	189.70	188.10A	189.20B	189.20	11	486
18	189.90	189.90	187.80A	187.80A	187.80	11	478
19	186.50	188.80	186.50	188.80@.00	188.40	14	487
20	187.50	188.20B	186.60A	187.50@186.60A	187.10	13	476
21	187.00	188.50	187.00	187.10@188.50	187.80	46	485
22	185.10	185.10	*183.00	183.50@.00	183.30	60	484
25	181.00	181.00	*178.80A	179.00	179.00	23	465
26	179.50	182.20	179.50	180.30@179.80A	180.00	16	464
27	176.90	181.00B	*176.00A	177.50@178.00	177.80	19	464
28	178.00	179.00	177.40A	179.00	179.00	32	484
29	180.00	182.50	180.00	182.10@.50	182.30	37	500
IN FEBRUARY							
1	179.10	179.10	*177.30*	177.30A	177.30	30	499
2	177.00	178.50B	177.00	177.60	177.60	19	503
3	177.60	178.50	177.00	178.00@177.60	177.80	27	511
4	179.50	180.20	178.60A	179.00	179.00	7	512
5	178.00	180.50	178.00	180.00	180.00	15	509
8	179.00	179.00	176.50A	177.20@176.50A	176.90	38	497
9	177.00	177.00	*175.10	176.30@175.30	175.80	77	464
10	176.00	176.70	175.80A	176.70	176.70	22	505
11	175.50	176.00B	175.50	175.80A	175.80	9	503
12	178.30	178.80B	*175.00	177.00@.50	177.20	86	526
16	172.20	175.00	**172.20*	174.00@175.00	174.50	26	534
17	175.00	177.00	175.00	176.70B	176.70	10	537
18	176.70	178.90	176.60A	177.50@176.60A	177.00	25	551
19	176.80	177.50	175.00A	175.70	175.70	32	562
22	177.50	179.00B	177.50	178.80B	178.80	6	559
23	177.50	178.90B	175.70	175.70	175.70	9	563
24	176.50	176.50	173.50A	175.00	175.00	4	562
25	175.10	175.60B	175.00A	175.10	175.10	1	562
26	174.00	174.50	173.00	173.00	173.00	24	556
IN MARCH							
1	175.50	175.50	172.50A	172.50A	172.50	15	560
2	172.50	174.00B	172.30A	173.10A	173.10	1	561
3	173.80	174.50	173.80	174.10@.50	174.30	28	551
4	175.80	175.80	*172.00	172.00	172.00	9	543
5	172.00	172.00	**167.00*	168.00@167.00	167.50	88	512
8	167.00	168.20B	*165.00	166.40@.00	156.20	23	506
9	165.30	167.00	165.00A	166.80@.50	166.60	53	484
10	167.00	171.00	167.00	170.50@171.00	170.70	24	458
11	169.70	170.20	168.80A	169.50@168.80A	169.20	25	448
12	168.40	169.50B	166.50A	166.50B	166.50	23	455
15	166.20	168.00	166.20	167.50@166.70	167.10	28	460
16	168.00	171.00	168.00	170.00	170.00	30	457
17	172.00	173.80	171.80	173.80@172.50A	173.10	27	448
18	172.90	174.20B	172.50	174.00	174.00	36	441
19	174.50	175.00	173.90A	175.00	175.00	23	443
22	176.00	177.00	176.00	177.00@176.00A	176.50	15	444
23	177.00	177.00	175.20	175.20	175.20	12	443
24	175.10	175.50	174.50A	175.50	175.50	7	445
25	174.60	175.20B	172.60	172.70@173.00	172.90	22	445
26	171.00	171.00	168.00A	170.00@168.00A	169.00	18	424
29	168.00	169.70B	167.30	169.00@168.50	168.80	7	417
30	169.00	170.00B	168.00A	169.00@168.30A	168.70	2	419
31	168.00	168.50	167.50	168.50	168.50	12	411

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1983 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	.....	169.40B	167.70A	168.20A	168.20	1	413
2	169.00	169.20B	168.00A	168.50@.00A	168.20	2	412
5	170.00	171.00B	169.30	169.30	169.30	2	413
6	170.50	170.50	166.00	166.10A	166.10	20	385
7	166.00	166.50	165.10A	165.10A	165.10	22	297
8	167.00	168.00	166.70A	166.80A	166.80	8	291
12	168.50@.00A	169.40B	166.70A	168.50@.00A	168.20	2	291
13	169.00	170.00B	168.50	168.90@.50	168.70	16	290
14	168.30	168.70	166.50	166.80B@167.30	167.10	50	290
15	166.70	167.10	166.00A	166.80@.60A	166.70	14	304
16	165.20	165.50	*164.00	164.50@165.50	165.00	11	305
19	165.50	167.00B	164.00	164.00	164.00	14	308
20	163.70	164.00	*162.00A	162.50@.00A	162.30	7	312
21	162.00	164.00B	*160.80	161.00	161.00	18	317
22	160.20	160.50B	*159.60A	159.90@.60A	159.80	7	316
23	161.00	161.00	*158.50A	159.50@158.50A	159.00	33	326
26	158.20	161.50	*158.20	161.00@.50	161.20	40	335
27	159.30	161.50B	158.20	159.00@158.20	158.60	6	338
28	158.20@.00	158.20	*155.30A	155.70@.30A	155.50	47	351
29	155.10@.00	*160.50*	*155.00	159.50@160.50	160.00	17	353
30	158.50	159.50	157.20	158.50@157.40A	158.00	47	366

IN MAY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
3	157.00	157.00	156.00	156.90@.00	156.50	21	359
4	155.80	156.00	*153.20	156.00@155.80A	155.90	26	359
5	156.70	157.50B	155.10	156.00@155.50A	155.80	11	359
6	158.50	158.50	157.40A	158.00@157.50	157.70	29	371
7	159.00	162.50	158.40A	162.50@161.50A	162.00	27	360
10	161.00	162.00B	160.50A	161.30@.50	161.40	7	361
11	161.10	163.00B	160.50A	162.30@161.20A	161.70	45	380
12	162.50	162.50	157.20A	158.00@157.20A	157.60	16	373
13	157.50	160.00	157.00A	159.00	159.00	57	390
14	159.30	162.00	158.50A	161.00A	161.00	19	379
17	161.20	161.20	157.50	157.70@.50	157.60	15	379
18	157.20	159.10	157.20	157.30B@158.00	157.60	19	383
19	160.70	161.00	160.10A	160.10A@161.00	160.50	2	380
20	160.50	161.10	159.60A	160.50B@161.00	160.70	5	380
21	161.80	162.40	160.00	160.50B@162.40	161.90	15	381
24	162.00	162.00	159.50A	161.00B@162.00	161.50	3	383
25	160.00	162.00	160.50A	162.00@161.50A	161.70	15	388
26	162.40	165.90	162.40	165.90@.00A	165.40	28	382
27	164.50	165.50	164.20A	165.50@164.20A	164.90	15	390
28	165.00	167.00	163.20A	163.20A	163.20	42	384

IN JUNE

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	161.10@.00	161.10	*158.20A*	158.20A	158.20	20	382
2	157.10.00	157.70B	155.50	155.50@157.10	156.30	43	378
3	155.40	156.60	**151.30A*	152.00@151.30A	151.70	26	375
4	152.50	152.70B	*148.00	148.00@149.50	148.80	26	378
7	151.80	*153.80*	151.00	152.50	152.50	38	381
8	153.00	154.30B	152.10	152.50B@153.00	152.70	29	383
9	153.20	155.00	153.20	155.00@154.50A	154.70	34	374
10	155.80	156.10	152.00	152.00@154.00	153.00	25	381
11	155.30	155.50	152.80A	155.00@154.40	154.70	121	384
14	152.00@150.70	152.00	*149.70*	149.70@.70A	149.70	55	382
15	148.20	148.50	*145.00	145.50B@147.00	146.30	42	390
16	148.50	148.50	146.00	146.10B@147.00	146.50	29	404
17	147.30@.00	149.50B	*143.50	145.50@143.50	144.50	69	427
18	143.50	143.50	*140.50	141.10@140.50	140.80	120	418
21	141.00	144.00	*139.10	144.00	144.00	108	455
22	144.00@.20	147.50	144.00	147.50@.00A	147.20	131	423
23	146.00	146.40	143.20A	146.00@145.10	145.60	99	421
24	146.20	146.80	143.60	144.90@.50A	144.70	68	422
25	143.20	143.90B	142.10	143.00@142.50	142.80	81	433
28	143.00	143.00	141.30	142.00	142.00	49	421
29	142.20	143.50	141.90	143.10@.50	143.30	30	419
30	147.50	147.50	144.90	146.00@.20	146.10	67	430

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	146.80	146.90B	145.00	146.90A@.50	146.70	67	428
2	146.50	147.10	145.80A	147.00	147.00	78	435
6	147.70	147.70	144.80	145.90A@.60	145.80	67	440
7	145.50	146.10B	144.60	145.80A	145.80	32	436
8	145.50	146.50B	144.50	145.40A	145.40	42	440
9	147.20	*150.40*	146.50	150.40B	150.40	104	466
12	151.50	154.10B	151.50	153.70@152.50	153.10	83	506
13	152.00	152.50	149.80	152.50@149.80	151.20	72	524
14	151.00@150.90	151.50	149.50	151.00@.50	151.20	68	540
15	151.50	153.20	151.50	152.50A	152.50	70	525
16	154.40	156.20	153.80A	155.90@154.00	154.90	198	556
19	156.00	156.80	152.80	153.30@152.80	153.10	165	616
20	152.10@.00	152.50	149.20	150.00@149.20	149.60	138	642
21	149.60@150.20	151.80B	149.60	151.00@150.60	150.80	41	652
22	150.80@.50A	151.50	149.20	150.90@151.50	151.20	157	652
23	150.80@151.00	151.70	150.20	150.80B@151.00	150.90	102	694
26	149.00@148.90	149.50	148.00	148.20@.00	148.10	94	683
27	147.70	148.50	146.10	147.10@146.10	146.60	112	709
28	145.90	146.50	145.00	145.10@.30	145.20	96	677
29	145.50@.60	147.00	143.50	144.00@143.50	143.80	158	611
30	143.70	145.20	143.60	143.70@144.00	143.80	74	608
IN AUGUST							
2	146.50@.30	147.20B	146.00	147.00@146.50	146.70	169	642
3	146.50	146.70B	144.80	146.20@.00	146.10	96	668
4	145.50@.60	146.70	143.70	146.70@.60	146.60	275	741
5	145.90	147.00	144.70	147.00@145.50	146.30	211	748
6	145.60	146.70	145.50	146.00@145.50	145.80	58	763
9	144.70	145.30B	143.30	143.70@.30	143.50	178	728
10	144.00	144.00	141.70	142.10B	142.10	195	777
11	141.40@.00	142.40	140.30	141.20@.70	141.50	140	769
12	141.50@.80	142.30	140.50	142.00@141.50	141.70	92	780
13	141.70	141.70	*139.00	139.70@.80	139.80	129	787
16	141.90	143.30	140.70	141.00@140.80	140.90	187	784
17	141.80	142.50	141.00	141.50@.00	141.20	150	832
18	146.20@.20B	*146.20*	146.20	146.20B	146.20	102	885
19	146.80@.70	147.20	143.30	147.00B@.20	147.10	367	911
20	148.30@.20	150.00	147.50	149.90@.70	149.80	391	1009
23	150.20@.50	154.30	149.00	154.00@.30	154.10	467	1073
24	155.50@.30	156.90	154.10	155.00@154.50	154.70	380	1130
25	153.50@.20	154.80	152.40	154.00@153.60	153.80	240	1112
26	154.80@.90	155.40	152.10	152.70@.10	152.40	288	1108
27	152.10@151.50	152.10	150.30	150.60@.90	150.80	327	1162
30	151.00	151.00	148.60	150.00@149.40	149.70	282	1114
31	149.50@.00	152.30	149.00	152.00	152.00	308	1146
IN SEPTEMBER							
1	151.90@.40	154.00	151.40	152.50@.30	152.40	262	1177
2	153.00@.20	153.20	149.80	150.50B@.80	150.70	153	1227
3	150.60@.00	154.90	150.00	153.50A@.00	153.20	422	1271
7	154.20@.40	154.80	151.00	151.50@.00	151.30	325	1379
8	150.50@.70	151.50	149.30	151.20@.40	151.30	348	1413
9	151.30@.10	151.30	149.50	149.50@.90	149.70	233	1468
10	147.50@.30	148.00	145.10	146.50@145.10	145.80	687	1460
13	145.10@.30	147.50	145.10	147.00@.50	147.20	213	1455
14	148.70@.20	149.60	146.30	146.30@.70	146.50	253	1453
15	147.00	147.40	145.20	146.00@.30	146.20	433	1472
16	146.00@145.90	147.80	145.60	146.00@.40	146.20	202	1457
17	145.60@.50	147.00	144.50	145.40@.50	145.50	262	1511
20	145.50	146.40	143.50	143.70@.50	143.60	506	1606
21	144.20@.50	145.10	143.60	143.60@144.50	144.00	499	1642
22	145.50	147.00	144.80	145.00B@.70	145.30	725	1632
23	145.50@.70	146.40	144.60	145.50@.00	145.30	429	1598
24	144.50	144.80	143.90	144.00@.40	144.20	320	1581
27	144.70	145.20	143.80	144.10@143.80	144.00	135	1616
28	144.20	144.80	143.20	143.50@144.00	143.80	261	1671
29	143.80@.70	144.40	141.20	141.60@.20	141.40	571	1698
30	141.20@.40	141.90	140.20	141.60@.80	141.70	525	1739

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	143.00	143.50	141.70	142.20@.00	142.10	389	1785
4	140.20@.30	141.80	139.30	141.50@.80	141.70	433	1760
5	142.20	143.20	141.20	142.70@143.00	142.80	551	1792
6	143.90@.80	147.50	143.60	146.40@.00	146.20	1118	1691
7	148.50	*151.20*	148.30	150.80@151.00	150.90	1392	1739
8	151.80	152.40	149.00	150.50B@151.00	150.80	1080	1855
11	152.80@.50	*155.80*	152.50	155.80@.80B	155.80	1028	2078
12	155.50	155.50	153.20	154.50@.20	154.40	919	2285
13	153.30	*159.40*	152.60	159.00@.20	159.10	1477	2736
14	157.50@.70	162.00	157.30	159.00@158.60	158.80	1449	2730
15	158.00@157.60	158.50	155.50	155.70@156.00	155.90	949	2790
18	155.80@156.00	159.40	155.70	159.00@158.50	158.70	902	3039
19	159.60@.80	162.00	158.60	159.20@158.80	159.00	1504	3109
20	157.20@156.80	157.20	*154.00*	154.00@.00A	154.00	1500	3400
21	154.30@.00	156.20	152.20	153.20@.00	153.10	1630	3582
22	152.80	155.40	152.50	154.50@.80	154.60	870	3669
25	151.00	152.30	149.80	149.80@150.20	150.00	1258	3541
26	150.50@.30	151.50	149.00	150.80@.00	150.40	1069	3502
27	151.10	152.40	150.80	151.80@.30	151.50	812	3502
28	152.50	155.00	152.40	155.00@154.60	154.80	1284	3662
29	156.30	159.70	154.60	159.70@.50	159.60	1602	3578
IN NOVEMBER							
1	160.80	162.90	159.50	159.60@160.00	159.80	1681	3763
2	160.90@161.00	162.70	158.60	160.20@.80	160.50	1273	3890
3	162.00	162.40	158.40	158.40@.60	158.50	1782	3965
4	161.50@.30	*163.50*	160.50	163.50B	163.50	1586	4139
5	164.50	167.40	164.20	166.30@.00	166.10	1822	4346
8	164.90@.50	166.20	163.20	166.20@165.80	166.00	1461	4473
9	164.80@.60	165.00	162.50	162.70@163.30	163.00	1731	4452
10	163.00@.40	163.90	160.50	160.80@161.00	160.90	1809	4476
11	159.80	161.60	159.00	160.90@161.50	161.20	1406	4655
12	162.30@.80	*166.20*	162.30	166.20B	166.20	1565	4526
15	167.00@166.60	167.00	163.30	164.50	164.50	1775	4555
16	162.20	165.80	161.80	165.30@.50	165.40	1390	4568
17	167.80@168.00	169.60	166.60	169.40@.60	169.50	1397	4756
18	169.50@.90	171.30	168.10	169.20@168.10	168.70	1451	4701
19	169.90	170.70	167.30	168.00@.30	168.20	1212	4816
22	168.50	168.80	165.50	166.00@.50	166.30	1099	4781
23	165.80	166.70	164.30	164.50@.80	164.70	970	4824
24	164.10@163.50	165.90	163.50	165.50	165.50	765	4760
26	166.50	170.40	165.50	170.40	170.40	1012	4736
29	170.80	171.40	168.20	169.50@168.80	169.20	1172	4723
30	168.00	169.90	166.80	167.00@166.80	166.90	988	4780
IN DECEMBER							
1	167.90	169.00	166.30	167.30	167.30	790	4787
2	167.70	168.90	166.50	167.30@168.00	167.60	761	4882
3	168.00	168.30	165.00	165.50@.00	165.30	1152	4834
6	162.00@161.30	163.30	160.40	160.70@.40	160.60	1998	4465
7	160.50@.60	162.60	159.40	162.60@.00A	162.30	1397	4200
8	160.50@.20	162.40	159.70	160.30A@159.70	160.00	1132	4136
9	160.50	164.90	159.70	164.80	164.80	1191	3907
10	165.10@.00	165.10	163.00	163.60@.50	163.60	1017	3716
13	164.00	167.80	163.70	166.90	166.90	983	3642
14	169.60@.90	170.00	*161.90*	163.00@161.90A	162.50	1595	3378
15	164.50	165.70	163.00	165.20@.70	165.40	1029	3142
16	165.20	166.70	163.80	166.20@.40	166.30	592	3041
17	169.80@170.30	170.30	166.20	166.50@.20	166.30	820	2918
20	166.00	166.40	164.70	165.00@164.90	165.00	630	2783
21	165.60@.50	166.20	164.80	165.30A@.00	165.10	258	2739
22	166.10@.00	167.20	165.60	166.80@.70	166.70	384	2667
23	166.50@.30	167.90	166.00	166.90@167.40	167.10	443	2587
27	167.70	170.00	167.60	169.80@170.00	169.90	551	2526
28	169.00@168.90	169.70	168.40	168.80@169.30	169.10	340	2342
29	168.70	169.00	166.60	166.80@.60	166.70	395	2246
30	166.30	167.20	165.30	165.60	165.60	325	2141
31	166.10	167.60	165.40	167.50@.60	167.50	94	2104

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
4	....	....	195.00A	196.00A	196.00	....	8
5	194.00	194.18	*193.10A	193.10A	193.10	1	7
6	....	194.00B	*192.50A	192.50A	192.50	....	7
7	....	....	*192.00A	192.00A	192.00	....	7
8	....	194.00B	....	193.00B	193.00	....	7
11	....	....	*190.10A	191.00A	191.00	....	7
12	....	193.00B	190.80A	192.00B	192.00	....	7
13	....	192.50B	....	192.00N	192.00	....	7
14	....	196.00B	....	195.20B	195.20	....	7
15	....	196.00B	....	196.00B	196.00	....	7
18	....	....	194.10A	194.20A	194.20	....	7
19	194.50	195.00B	193.00A	194.00B	194.00	1	7
20	....	195.20B	193.50A	193.50A	193.50	....	7
21	195.60	195.60	192.50A	192.50A	192.50	1	7
22	193.00	193.00	*189.10A	189.10A	189.10	4	9
25	....	....	*185.00A	185.00A	185.00	....	9
26	....	187.80B	*184.50A	184.50A	184.50	....	9
27	183.90	187.00B	*183.00A	183.50A	183.50	1	9
28	184.40	184.50	184.00A	184.50B	184.50	2	9
29	....	*189.50B*	....	188.50B	188.50	....	9
IN FEBRUARY							
1	185.00	185.00	*183.50*	184.00	184.00	6	12
2	184.80	185.50B	184.80	185.50B	185.50	2	14
3	187.50	188.00B	186.80A	188.00B	188.00	1	15
4	191.00	191.00	189.00A	189.00A	189.00	13	18
5	188.00	190.50B	187.80	190.50B	190.50	2	19
8	....	....	187.50A	187.50A	187.50	....	19
9	....	....	186.80A	186.80A	186.80	....	19
10	....	....	....	186.80N	186.80	....	19
11	....	....	185.80A	186.40A	186.40	....	19
12	185.80	186.70B	184.80	186.50B	186.50	5	21
16	185.50	185.50	184.50A	184.50A	184.50	1	20
17	....	186.50B	....	185.50B	185.50	....	20
18	186.00	186.00	185.50A	185.50A	185.50	2	22
19	185.00	185.00	184.00A	184.00A	184.00	1	23
22	....	188.00B	....	188.00B	188.00	....	23
23	....	....	185.00A	185.00A	185.00	....	23
24	184.50	185.00B	183.50A	184.00A	184.00	2	21
25	....	....	183.50A	184.00N	184.00	....	21
26	....	....	*182.50A	182.50A	182.50	....	21
IN MARCH							
1	183.50	183.50	*182.00A	182.00A	182.00	4	23
2	....	183.00B	*181.50A	182.00N	182.00	....	23
3	182.70	183.00B	182.10A	182.10A	182.10	8	22
4	183.00	183.00	*180.60A	180.60A	180.60	3	24
5	180.60	180.60	*176.00	176.00	176.00	14	31
8	175.60	176.50B	*171.50A	173.00A	173.00	7	35
9	172.80	174.00B	172.00A	173.30B	173.30	5	35
10	....	177.00B	....	177.00B	177.00	....	35
11	....	....	176.00A	176.50A	176.50	....	35
12	175.00	177.50B	173.60A	173.60A	173.60	1	34
15	174.00	175.80B	173.00A	175.80B	175.80	7	34
16	178.00	179.00B	178.00	178.30B	178.30	5	37
17	179.50	181.00	179.50	180.50B	180.50	21	53
18	181.50	182.20B	181.50	182.20B	182.20	2	45
19	182.00	183.30	182.00	183.00	183.00	24	47
22	184.00	185.00	184.00	184.80A	184.80	11	50
23	185.00	185.00	183.80A	183.80A	183.80	9	55
24	183.80	184.00B	183.70	183.70	183.70	6	52
25	183.70	184.00	181.00	181.00	181.00	10	52
26	180.00	180.00	177.30A	177.30A	177.30	8	49
29	178.00	178.30B	176.00A	177.50A	177.50	3	46
30	179.20	179.20	177.30	178.00B	178.00	7	45
31	176.80	177.30	176.00A	177.30	177.30	5	50

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	178.00B	177.00A	178.00B	178.00	1	50
2	....	....	177.50A	177.80A	177.80	....	50
5	179.30	179.50B	178.00	178.00	178.00	5	48
6	174.50@.00	178.30B	*173.00*	173.10@.00	173.10	7	55
7	174.20@.00	174.20	172.50A	172.50A	172.50	2	52
8	175.00@174.90	175.90B	174.80	175.90B	175.90	5	50
12	176.80@.70	177.40B	176.00A	176.00B	176.00	4	48
13	176.80	177.20B	176.50A	176.50A	176.50	4	52
14	176.10	176.10	174.50A	175.50	175.50	6	52
15	174.50	175.00B	174.00A	174.10A	174.10	4	51
16	175.00	175.00	173.00A	173.50	173.50	5	51
19	173.50	173.50	172.50	172.50	172.50	30	64
20	172.00	173.00B	*170.70A	170.70A	170.70	37	75
21	172.00	172.00	*168.50A	168.50A	168.50	5	78
22	168.30	169.50B	*167.50A	168.00B	168.00	10	80
23	169.00	169.50B	167.60A	167.60A	167.60	7	79
26	170.50	170.50	*167.40A	169.50A	169.50	1	77
27	170.00	170.80B	168.00A	168.00A	168.00	6	76
28	167.00	167.00	*164.10A	164.10A	164.10	25	70
29	164.30	168.50B	164.30	168.50B	168.50	5	71
30	167.40	167.50B	167.10A	167.10A	167.10	8	72
				IN MAY			
3	166.00	166.10	165.00A	165.00A	165.00	4	71
4	164.70	164.70	*164.00A	164.00A	164.00	2	77
5	166.50	166.50	164.10	164.10A	164.10	9	73
6	166.00	166.50B	165.70	166.50B	166.50	10	72
7	167.50@166.50	169.00B	166.50	169.00B	169.00	25	82
10	168.50	168.70B	167.50A	168.70B	168.70	3	81
11	169.40	170.60	168.00A	169.50@.00	169.20	29	86
12	170.90@171.00	171.60	166.50A	166.80	166.80	14	85
13	167.00	167.20	166.80	167.00B	167.00	11	86
14	168.00	169.00	166.50	169.00B	169.00	10	87
17	169.80	169.80	166.00	166.00	166.00	9	90
18	166.00	167.10B	165.50	165.50	165.50	11	89
19	167.00	168.00	167.00	167.50B	167.50	6	89
20	....	168.50B	....	168.50B	168.50	1	90
21	168.50	169.30B	168.50	169.30B	169.30	15	93
24	....	....	168.10A	169.00A	169.00	....	93
25	168.50	169.20B	167.60	169.20B	169.20	16	96
26	169.30	171.90	169.30	171.60B	171.60	32	107
27	171.50	172.10	171.00A	171.30A	171.30	11	111
28	171.50	172.30B	170.00A	170.00A	170.00	5	116
				IN JUNE			
1	169.60	169.60	165.70A	165.70A	165.70	8	121
2	165.60@.50	166.00B	*164.00	164.10	164.10	14	123
3	163.50	164.00B	*160.10A	160.10A	160.10	18	130
4	159.00@158.70	159.00	**155.10*	155.10@156.00B	155.60	23	128
7	157.00	*160.60*	157.00	160.50B	160.50	10	123
8	161.00	161.70B	159.50	160.50B	160.50	4	121
9	160.50	162.50B	160.50	162.50B	162.50	1	120
10	164.00	164.10	160.90A	160.90A	160.90	13	121
11	161.50	164.00	159.50	162.00A	162.00	8	123
14	160.00	160.00	157.10	157.40	157.40	23	116
15	157.00	157.50	*153.50A	154.00B	154.00	14	113
16	154.60	156.60B	154.30A	154.30A	154.30	7	111
17	154.20	155.00B	*152.00	152.00A	152.00	15	108
18	153.00	153.30	*147.70	148.10B	148.10	64	126
21	148.40	149.00	146.80	149.00	149.00	40	138
22	149.50	152.00B	149.50	151.00B	151.00	14	134
23	150.70	151.80	149.50	151.00B	151.00	15	138
24	152.50@.00	152.50	149.00	149.50B	149.50	14	139
25	149.00	149.00	147.10	148.90B	148.90	43	144
28	147.50	149.00B	147.50	149.00B	149.00	5	142
29	....	150.50B	....	150.00B	150.00	....	143
30	152.10	153.00B	151.00	151.00	151.00	10	143

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	151.60	152.50B	151.20	151.90A	151.90	11	145
2	152.00	152.50B	151.60A	152.00@.50B	152.20	6	142
6	153.00	153.00	151.00A	151.50B	151.50	2	143
7	150.40	151.00	149.50	151.00	151.00	11	148
8	151.60	152.00B	150.30A	151.50A	151.50	5	148
9	153.00	*156.50B*	153.00	156.50B	156.50	35	154
12	158.00	159.40B	157.20	159.40B	159.40	18	143
13	158.00@157.50	158.90	157.50	157.50A	157.50	20	150
14	....	158.00B	156.30A	158.00B	158.00	....	150
15	158.30	159.70	158.00A	159.20@158.90A	159.00	25	154
16	160.40	163.00	160.40	162.40@161.00A	161.70	66	159
19	163.00@.50	163.50	159.50	160.20@159.60	159.90	13	166
20	159.50	159.50	156.30	156.40	156.40	29	162
21	157.80	158.20B	157.10	158.00	158.00	8	163
22	157.20	157.50	156.90A	157.50	157.50	12	158
23	157.40	157.90B	156.30	157.90B	157.90	30	173
26	156.00	157.30	155.00	155.50@.00	155.30	75	170
27	154.80	155.30	154.20	154.80@.20	154.50	21	180
28	152.60	154.00	152.50	153.50@.00	153.30	23	169
29	155.00@.20	155.20	151.30	153.00@152.60A	152.80	43	164
30	....	....	152.00A	152.60A	152.60	3	156
IN AUGUST							
2	155.00	156.00	154.00	156.00@154.40	155.20	33	152
3	154.90	154.90	153.00	153.20A	153.20	8	151
4	152.60	153.80B	152.00	153.20	153.20	14	157
5	....	154.00B	153.00A	154.00B	154.00	....	157
6	153.60	154.50B	153.60	154.00B	154.00	2	157
9	153.40	153.50B	150.80A	150.80A	150.80	31	161
10	152.00	152.00	149.80	150.00A	150.00	47	166
11	149.00	150.60B	148.50	148.50	148.50	6	166
12	149.50	149.70B	149.20	149.50B	149.50	2	165
13	150.00	150.00	147.00	147.00@148.40B	147.70	8	168
16	150.00	151.30	149.00	149.00	149.00	30	175
17	150.00	151.00	148.50	148.50	148.50	18	179
18	153.50@.50B	*153.50*	153.50	153.50B	153.50	7	183
19	154.00	155.00	151.80A	155.00@154.00A	154.50	58	205
20	155.70	158.50	155.50	158.50@157.00A	157.70	76	216
23	158.00	*162.70*	157.30	162.70@161.50A	162.10	79	245
24	163.90@.50	165.20	162.80	163.50@162.80	163.10	105	267
25	163.00	163.00	160.30	162.50@161.10A	161.80	76	282
26	162.00	163.50	161.00	161.40@.00	161.20	49	302
27	160.30	160.50B	158.30	160.00@159.20	159.60	114	321
30	158.50	159.00	157.50	159.00@158.00A	158.50	25	327
31	158.00	159.70B	158.00	158.50@159.50	159.00	61	328
IN SEPTEMBER							
1	159.50	161.00B	158.50	159.50@158.50	159.00	24	323
2	159.50	160.00	158.50A	159.20@160.00	159.60	14	322
3	158.30	162.30	158.30	159.50	159.50	38	323
7	162.00	162.30	159.50	159.50	159.50	32	330
8	159.50	160.30	157.50	159.50A	159.50	44	331
9	159.00	159.50	158.50	158.50	158.50	40	340
10	157.00@156.80	157.10	155.40	155.40	155.40	144	425
13	156.30	158.00	156.00	158.00@157.60A	157.80	92	444
14	158.50	159.50B	156.40	156.40	156.40	27	445
15	156.70	156.80B	155.50	155.60	155.60	47	482
16	156.50	157.40	155.40A	155.90A	155.90	28	482
17	155.00	156.00	154.90	155.20A	155.20	46	490
20	155.00	155.50	153.80	153.80	153.80	32	493
21	154.50	154.80B	153.10	154.20@153.10	153.70	34	485
22	156.00	157.20	155.00	155.30B	155.30	107	527
23	155.30	155.80	154.60	154.80A	154.80	25	520
24	155.30@.00	155.30	154.10	154.20	154.20	28	526
27	155.40	155.40	154.20A	155.10@154.30A	154.70	5	521
28	154.50	155.70	154.10	154.90	154.90	48	525
29	154.30	154.60	151.00	152.00@151.00	151.50	184	554
30	151.20@.10	151.80	150.20	150.40@.50	150.50	84	579

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	152.60	152.80B	152.00	152.00	152.00	55	594
4	150.50@.10	151.00	149.10	151.00@150.70	150.90	92	573
5	151.40	152.70B	150.90	152.10@.50	152.30	49	587
6	152.90@153.00	157.00	152.60	156.00@.50	156.20	125	608
7	158.50@.60	161.20	158.30	161.20	161.20	209	683
8	163.00@.10	163.10	158.40	160.00@161.50	160.80	197	666
11	162.10@.60	165.80	162.10	165.60@.80	165.70	277	786
12	166.00	166.00	163.50	164.50@.70	164.60	207	797
13	163.90	168.90	162.50	168.70@.90	168.80	229	865
14	167.80@.90	171.80	167.00	168.80A@167.80	168.30	306	859
15	167.70@.00	168.00	165.70	166.40@.20A	166.30	200	880
18	167.00	169.30	166.50	168.00@.40	168.20	98	888
19	169.10@.30	172.50	169.10	170.00@169.10	169.50	311	987
20	168.30@.00	168.60	164.50	165.00@164.50	164.80	348	1057
21	166.00	168.50	163.60	164.70A@.00	164.40	350	1088
22	165.00@.20	166.70	164.80	166.10@165.80	165.90	178	1104
25	162.20@.00	163.20	161.30	161.80@.30	161.60	252	1080
26	162.80@.50	163.00	161.20	162.70@163.00	162.80	187	1111
27	163.50@.70	164.40B	162.70	163.70@162.70	163.20	125	1138
28	164.20	166.20	164.00	166.00A@165.70	165.80	192	1140
29	167.60@.80	170.80	166.40	170.50@.80	170.60	445	1235

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	172.00@.50	174.20	169.50	172.50@169.50	171.00	552	1407
2	171.90@172.00	174.80	169.80	171.50@172.50	172.00	373	1528
3	174.70@.50	174.70	171.50	172.30@171.50	171.90	476	1591
4	174.80@175.00	176.90	173.60	176.90B	176.90	442	1653
5	177.50@.20	180.70	177.20	179.40@.00	179.20	491	1703
8	177.20@.00	178.00	176.20	177.20@178.00	177.60	388	1770
9	176.90	176.90	174.60	175.00@.40	175.20	641	1856
10	175.20@.40	176.40	172.50	172.80@.50	172.70	558	1923
11	172.30@.00	174.50	171.00	174.50@173.50	174.00	436	2000
12	175.50@.80	179.00	175.20	179.00@.00B	179.00	645	2165
15	179.40@.20	179.50	175.80	177.30@.00	177.20	685	2133
16	175.00@174.60	177.70	173.80	177.00@.40	177.20	591	2176
17	179.50@.00	180.50	178.30	180.00@.50	180.20	664	2376
18	179.50@.80	181.50	178.70	180.50@179.50	180.00	753	2471
19	182.00@181.80	182.50	179.30	180.50@181.00	180.70	642	2455
22	181.70@.90	181.90	178.30	179.00	179.00	510	2484
23	177.50	178.70	176.50	176.70@.50	176.60	681	2453
24	176.10	177.90	175.80A	177.80@.70	177.70	425	2478
26	178.00	182.60	177.50	182.40@.60	182.50	679	2529
29	182.50@.70	183.70	180.30	181.00@180.30	180.70	652	2564
30	180.30	181.30	178.00	178.30@.00	178.20	798	2571

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	179.50@.30	180.70	176.50	178.00@177.50	177.80	953	2709
2	178.60@.50	179.60	176.50	177.30@178.20	177.80	614	2796
3	178.50	178.90	177.50	177.50@178.00	177.80	637	2856
6	175.00@174.30	175.80	173.30	173.30@.50	173.40	1538	2958
7	175.00@174.80	176.40	173.70	176.30@.10	176.20	1191	3135
8	175.50@.30	176.90	174.50	175.40@.50	175.50	868	3265
9	175.30@.50	180.50	174.20	180.50@.50B	180.50	970	3293
10	181.00@180.50	181.50	178.20	178.50@.20	178.40	1136	3279
13	179.80	182.80	179.00	182.70@.50	182.60	1035	3443
14	186.00@.10	186.10	180.60	181.00@180.60	180.80	1978	3277
15	181.20@.40	182.70	180.00	182.50@.00	182.20	1227	3564
16	182.50	183.40	181.20	183.00@182.80	182.90	648	3533
17	185.70@.90	186.00	183.20	183.40@.20	183.30	1260	3704
20	182.80@.50	183.40	181.00	181.20@.00	181.10	837	3718
21	181.60	182.90	181.40	182.40@.00	182.20	402	3760
22	184.00@.40	184.80	183.00	184.00@183.00	183.50	884	3796
23	183.30@.20	185.00	182.50	183.40@182.50	183.00	606	3907
27	185.00	185.80	183.20	185.30@.00	185.10	730	3912
28	184.50	185.60	183.90	184.30@.10	184.20	747	3872
29	184.20	184.80	182.30	182.50@.70	182.60	824	3947
30	182.30	183.60	181.50	181.60@.50	181.60	671	3928
31	182.60	183.70	181.60	182.50@.00	182.20	345	3955

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1983 FUTURES CONTRACT
IN JANUARY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
19	201.50	#202.00B	*200.00A	201.00B	201.00	1	1
20	....	#202.20B	200.50A	200.50A	200.50	....	1
21	....	#203.00B	*199.50A	199.50A	199.50	....	1
22	198.00	198.20B	*196.00A	196.00A	196.00	2	3
25	194.00	195.00B	*191.50A	194.60A	194.60	2	3
26	....	196.00B	194.50A	194.50A	194.50	....	3
27	....	196.00B	*191.00A	192.00A	192.00	....	3
28	193.50	193.50	193.00A	193.50B	193.50	1	2
29	194.50	197.40B	194.50	197.40B	197.40	8	9
				IN FEBRUARY			
1	194.00	194.00	*192.40A*	193.00A	193.00	13	20
2	....	....	....	193.00N	193.00	....	20
3	194.50	194.50	194.00A	194.40B	194.40	1	20
4	196.00	197.20	195.70A	196.50A	196.50	5	25
5	195.50	197.40B	195.50	197.40B	197.40	6	30
8	....	....	195.00A	195.00A	195.00	....	30
9	195.00	195.00	193.00	193.80B	193.80	8	35
10	192.00	193.80B	192.00	193.80B	193.80	2	37
11	....	....	193.50A	193.50A	193.50	....	37
12	....	193.90B	....	193.90B	193.90	....	37
16	....	....	*190.50A	191.50A	191.50	....	37
17	....	193.80B	....	193.80B	193.80	....	37
18	....	....	193.50A	193.50A	193.50	....	37
19	....	....	192.50A	192.50A	192.50	....	37
22	....	195.50B	....	195.50B	195.50	....	37
23	....	....	194.00A	194.00A	194.00	....	37
24	....	....	192.80A	192.80A	192.80	....	37
25	....	....	192.50A	192.80N	192.80	....	37
26	....	....	*190.00A	190.00A	190.00	....	37
				IN MARCH			
1	191.00	191.50B	*189.50A	189.50A	189.50	4	39
2	189.10	190.50B	*189.10	189.50A	189.50	1	39
3	190.00	190.00	189.50	190.00B	190.00	9	41
4	191.10	191.10	*188.50A	188.50A	188.50	2	41
5	187.00	187.40	*186.00A	186.00A	186.00	7	42
8	186.00	186.50B	**181.00*	182.50A	182.50	13	48
9	....	....	182.00A	182.00A	182.00	....	48
10	....	185.50B	....	183.80B	183.80	....	48
11	183.40	184.50B	181.00A	181.00A	181.00	12	50
12	....	182.80B	*180.00A	180.50A	180.50	....	50
15	182.70	182.70	181.00A	181.00A	181.00	4	48
16	185.00	185.70	184.50	185.30B	185.30	11	54
17	....	187.50B	....	187.50B	187.50	....	54
18	189.00	189.10B	189.00	189.00	189.00	4	56
19	190.00	190.00	188.90	189.90	189.90	15	56
22	190.20	191.80B	190.20	191.80B	191.80	14	63
23	192.00	192.70	190.50A	190.50A	190.50	15	70
24	190.00	190.50B	190.00	190.50B	190.50	1	69
25	191.00	191.40B	189.00A	189.00A	189.00	17	66
26	....	....	185.50A	185.50A	185.50	....	66
29	184.00	186.20B	184.00	185.50A	185.50	6	70
30	187.30	187.30	185.70A	186.00B	186.00	2	72
31	185.50	185.50	185.00A	185.00A	185.00	3	75

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1983 FUTURES CONTRACT
IN APRIL 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	185.80B	184.50A	185.50B	185.50	....	75
2	185.50	185.50	184.80A	184.80A	184.80	1	75
5	186.30	186.50B	185.00	185.00	185.00	13	77
6	183.00	185.30B	180.20A	180.20A	180.20	2	77
7	....	181.10B	180.00A	180.00	180.00	....	74
8	181.50	182.90B	181.30A	182.90B	182.90	1	75
12	184.00	184.40B	183.00A	183.00B	183.00	1	75
13	184.00	184.00	183.50A	183.50A	183.50	1	76
14	184.00	184.00	182.60A	182.60A	182.60	6	72
15	182.50	182.50	181.10A	181.10A	181.10	2	73
16	....	....	*179.80A	180.40A	180.40	....	73
19	180.50	182.50	180.00A	180.00A	180.00	17	71
20	178.50	180.00B	*178.00A	178.00A	178.00	....	71
21	180.00	180.00	*177.00A	177.00B	177.00	11	73
22	177.50	177.50	*176.10A	176.10A	176.10	2	69
23	177.00	177.20B	176.20A	176.20A	176.20	2	69
26	177.00	177.20B	*176.00	177.20B	177.20	10	73
27	177.00	177.50B	176.10A	176.10A	176.10	1	77
28	175.00	175.00	*172.00A	172.00A	172.00	20	80
29	172.60@.50	174.80B	172.60	174.80B	174.80	12	85
30	....	....	174.00A	174.00A	174.00	....	85
				IN MAY			
3	172.50	172.50	*171.00A	171.00A	171.00	8	83
4	171.00	171.20B	*170.00A	170.50A	170.50	2	84
5	171.70B	172.70B	170.60A	170.60A	170.60	1	84
6	173.30	173.80B	172.80A	173.30	173.30	4	86
7	174.00	176.80B	174.00	176.00A	176.00	5	89
10	....	....	174.50A	175.50A	175.50	....	89
11	....	177.50B	174.00A	174.00A	174.00	....	93
12	177.00	177.20	171.50	171.50	171.50	9	96
13	173.00	173.00	171.50	172.50B	172.50	30	115
14	172.50	175.00B	172.00A	174.50A	174.50	....	114
17	172.70	174.60B	171.30A	171.50B	171.50	7	112
18	171.00	173.10B	170.80A	170.80A	170.80	17	105
19	170.00	173.40	171.00	173.40	173.40	9	103
20	....	174.60B	173.00A	174.00B	174.00	....	103
21	174.00	175.50	174.00	175.00	175.00	19	110
24	174.00	174.40B	173.40A	174.40B	174.40	3	112
25	173.50	175.00	173.00	175.00	175.00	16	115
26	175.50	177.50	175.50	177.50	177.50	22	126
27	177.50	178.40	176.80A	177.30A	177.30	18	130
28	175.50	177.80B	175.50	175.50	175.50	1	129
				IN JUNE			
1	....	....	170.60A	170.60A	170.60	....	131
2	170.50	171.00B	*169.30A	169.30A	169.30	4	130
3	170.00	170.00	*164.30	164.30	164.30	20	140
4	163.30	164.40B	*160 30	160.30	160.30	13	144
7	165.20	165.30B	165.00A	165.30B	165.30	4	146
8	166.40	167.20B	166.40	166.50	166.50	2	148
9	....	168.50B	....	168.50B	168.50	....	148
10	169.70	170.00B	167.00A	167.50A	167.50	2	150
11	....	169.00B	167.00A	168.50B	168.50	....	150
14	164.00	164.00	163.50A	163.50A	163.50	2	149
15	161.00	161.00	160.50	160.50	160.50	2	147
16	163.50@.60	163.60	*160.00A	160.50B	160.50	3	149
17	161.00@160.90	161.50B	*158.10A	158.10A	158.10	4	147
18	156.80	157.00	*153.50	154.00	154.00	32	135
21	153.70	154.50B	*152.80	153.50	153.50	10	131
22	154.00	156.30B	154.00	156.00	156.00	16	124
23	155.20	156.50B	154.10	156.00B	156.00	18	126
24	157.00	157.50B	154.00	154.00@155.00B	154.50	8	133
25	154.00	154.50B	*152.50	153.50	153.50	36	133
28	154.00	154.00	*151.50	154.00B	154.00	26	135
29	154.80	156.00B	154.80	155.00B	155.00	2	136
30	157.00@.40	158.00	156.50A	157.00	157.00	13	134

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	157.70	159.00B	156.30A	158.00	158.00	6	141
2	....	158.50B	157.50A	157.80A	157.80	....	135
6	158.20	159.00B	156.00A	157.10	157.10	9	138
7	155.60	156.00B	155.60	155.60	155.60	2	138
8	157.00	157.00	154.80	156.50B	156.50	14	138
9	158.20@.80	*161.50B*	158.00	161.50B	161.50	40	149
12	161.50	163.00B	161.50	163.00B	163.00	21	165
13	163.00@162.90	163.00	161.50	162.90B	162.90	22	167
14	161.00	162.50	161.00	162.50@.00A	162.30	2	158
15	162.30	164.00	162.30	163.50@164.00B	163.70	3	158
16	164.70@165.10	167.50	164.70	167.50@166.00A	166.70	8	156
19	168.50	168.50	165.00A	165.00A	165.00	5	160
20	165.40@.50	165.50	161.70A	162.30A	162.30	10	154
21	163.80	163.80	163.00	163.50B	163.50	3	156
22	164.00	164.00	162.70	162.70@163.50B	163.10	13	164
23	163.00	163.20B	162.50A	162.90A	162.90	10	171
26	161.00	161.70	159.80A	160.50@.90B	160.70	9	175
27	160.00	160.10B	159.80A	159.80A	159.80	12	181
28	158.80	159.00B	158.00A	159.00B	159.00	3	182
29	158.50	159.80B	157.50A	158.40A	158.40	1	182
30	159.00	159.00	158.00	158.60B	158.60	11	182
IN AUGUST							
2	160.00	161.50B	160.00	161.50B	161.50	15	183
3	161.00	161.00	159.00A	160.00	160.00	8	184
4	159.20	160.40B	157.80A	160.40B	160.40	20	195
5	159.60	160.50B	159.40	159.50B	159.50	10	194
6	160.00	160.40	159.50	160.40B	160.40	29	218
9	159.60	159.60	158.50A	158.50A	158.50	8	216
10	158.00	158.20B	157.00	157.50@158.20B	157.90	7	212
11	157.00	157.80B	156.00	157.00A@156.00	156.50	15	216
12	156.20	157.30B	156.20	157.20B	157.20	2	218
13	157.50	157.50	155.20	156.50B	156.50	3	218
16	158.50	158.50	156.80A	157.50@.30A	157.40	55	201
17	156.50	158.00	156.50	156.80A	156.80	11	203
18	161.60	*161.80*	160.00	161.80B	161.80	20	210
19	161.50	161.50	160.00A	161.50	161.50	18	214
20	163.00	163.90B	161.50	163.90B	163.90	22	225
23	163.50	168.80B	163.00	168.70	168.70	35	230
24	169.00	170.90	169.00	170.00@169.00A	169.50	27	237
25	168.80	168.80	166.50	168.50@.00	168.30	16	242
26	168.90	169.30	168.00A	169.30	169.30	46	234
27	168.00	168.00	166.00	166.00@.90	166.50	28	227
30	165.50@.20	166.00	164.00	166.00@165.00	165.50	16	225
31	166.00	166.50	164.50	166.50@165.50A	166.00	29	221
IN SEPTEMBER							
1	165.30	167.50B	164.50	165.00	165.00	12	223
2	165.50	165.50	164.50A	165.00@.10	165.00	16	231
3	166.80	169.30	166.00	166.50@.00	166.20	14	232
7	167.50	168.50B	166.20	167.00	167.00	31	233
8	165.80	167.60	165.50	167.60	167.60	14	238
9	168.00	168.00	166.30	166.50@.70	166.60	8	236
10	166.00	166.00	163.50	164.00B@165.00	164.50	30	217
13	164.60	166.20	164.00A	166.20	166.20	12	220
14	166.00	167.20B	165.00A	166.00@165.00A	165.50	3	218
15	164.20	166.00B	164.00A	164.50@165.50	165.00	7	217
16	165.40	165.50	163.40A	164.70B@165.20	165.00	7	221
17	164.50	164.50	163.70	164.50@.10A	164.30	18	225
20	163.90	164.00	162.50A	163.00B@164.00	163.50	8	222
21	162.80	163.80	162.80	163.80@.10A	163.50	5	222
22	166.00	166.10B	163.20A	164.50@163.20A	163.80	23	225
23	163.50	164.50	163.50	164.50@.00A	164.20	4	223
24	163.40@.30	164.40	163.30	164.40@163.40	163.90	3	220
27	....	164.30B	163.60A	163.90N	163.90	....	220
28	164.00	164.50	163.50	164.00@163.50	163.80	6	219
29	163.50	164.00	161.30A	162.00	162.00	18	214
30	159.80	159.90	157.60	159.50@.90	159.70	35	214

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	160.50	160.50	159.50	160.10@159.50A	159.80	30	223
4	158.00	160.00B	157.90	159.50@160.00B	159.80	13	234
5	159.50	161.80	159.10	161.70	161.70	9	233
6	162.50	166.00	162.50	166.00	166.00	16	229
7	167.80	170.00	167.80	170.00@169.60A	169.80	75	249
8	170.00@.60	171.20	167.70	168.80@169.40	169.10	52	260
11	171.30	174.00	171.30	174.00	174.00	109	299
12	174.00	174.50	172.00	173.90	173.90	33	303
13	172.50	176.80	171.50	176.70B@.80	176.70	82	359
14	176.80	178.90	175.30	178.00	178.00	81	366
15	176.40	177.50B	174.50A	175.70	175.70	26	378
18	175.00@174.70	177.50	174.70	177.50@.00A	177.20	26	379
19	177.60	179.60	176.50	178.50@176.60A	177.50	79	418
20	176.50@.10	176.50	172.60	174.00@173.00A	173.50	75	442
21	174.30	176.00B	172.30	173.90@172.50A	173.20	58	441
22	174.30	176.00	173.40	176.00@175.00A	175.50	83	446
25	172.50@.30	172.50	*170.50*	171.50	171.50	85	436
26	171.00	172.60	170.70	172.50@171.00A	171.70	65	461
27	172.80	173.30	171.50	173.30	173.30	29	463
28	173.50@.90	175.20	173.50	175.20@174.80A	175.00	124	504
29	175.50	179.50	175.50	178.00@179.50	178.70	90	535

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	179.20@.40	181.30	179.20	181.00	181.00	130	575
2	181.40	183.00	178.60	182.00@183.00	182.50	169	576
3	183.30@.40	184.50	180.70	180.70@181.50	181.10	105	588
4	184.00@.50	*186.10*	182.60	186.10B	186.10	91	620
5	185.00@.20	188.90	185.00	187.20@.70	187.40	207	648
8	187.00	187.00	185.00	186.00@185.50	185.80	110	671
9	185.50	185.50	182.20	182.70@.20	182.50	150	660
10	183.00	184.40B	181.00	182.00@181.10A	181.60	111	669
11	181.30@.10	183.50	180.20	182.50@183.50	183.00	116	680
12	183.60	*188.00*	183.60	187.60B@188.00	187.80	199	734
15	186.00	186.90	183.80	186.00	186.00	74	739
16	184.80	185.70	182.30	185.60@.30	185.50	155	772
17	187.00@.50	188.60	186.60A	188.60	188.60	138	823
18	188.30@.50	190.30	187.20	190.30@.10	190.20	223	891
19	190.80@.90	191.70	188.40A	190.00@188.70A	189.40	224	967
22	189.90	189.90	186.20	186.50@.20	186.40	157	982
23	185.40	187.00	185.00	185.00	185.00	96	983
24	184.90	185.50	183.70	185.00@.40	185.20	148	1054
25	185.00	190.00	185.00	189.40@.00A	189.20	136	1125
29	189.80	190.50	187.80A	188.80@.50	188.70	269	1103
30	188.30@.20	189.00	185.70	186.10@185.70	185.90	111	1120

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	186.50@.30	187.50	184.20	184.50A	184.50	115	1134
2	185.10	186.90	184.50	185.30@.20	185.20	122	1164
3	186.80@187.00	188.20	185.30	185.50@.30	185.40	130	1210
6	185.00	185.00	181.10	181.10	181.10	177	1243
7	181.70@.50	185.00	181.50	184.00@.50	184.20	112	1276
8	184.00@183.80	185.90	183.10	184.00	184.00	115	1309
9	184.70	*189.00*	183.70A	189.00@.00B	189.00	209	1321
10	189.60	189.70	187.30	187.30@.50	187.40	309	1288
13	188.00	191.30	188.00	191.00@190.80	190.90	191	1262
14	194.00@.50	194.50	189.00	190.30@189.00	189.70	474	1260
15	191.00	191.30	188.60	190.10@.80	190.40	151	1259
16	190.70	191.60	189.70	191.60@.00	191.30	119	1288
17	193.80@194.10	194.20	191.20	191.50@.20	191.30	129	1205
20	191.00	191.50	189.90	191.00@190.10	190.60	112	1253
21	191.50@.60	192.10	190.40	192.10@191.30	191.70	66	1266
22	192.90@193.20	193.90	192.30	192.80@.60	192.70	165	1365
23	192.70@.50	193.90	192.50	192.90@.70	192.80	101	1374
27	193.80@194.40	195.30	193.00	194.70@193.50	194.10	124	1396
28	193.50@.10	194.80	192.20	192.60@.20	192.40	203	1433
29	193.00	193.50	190.10	190.70@.10	190.40	140	1464
30	191.80@192.30	192.30	189.50	190.00@.50	190.30	240	1500
31	191.00@.40	191.70	189.90A	191.20@190.80	191.00	58	1512

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN MARCH 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
18	195.00	#195.00	*195.00	195.00	195.00	1	1
19	195.00	#195.00	*194.50A	195.00	195.00	5	6
22	....	#198.00B	....	198.00B	198.00	....	6
23	200.00	#200.50	199.50A	199.50A	199.50	4	10
24	200.00	200.00	199.00A	200.00	200.00	2	11
25	201.00	#201.00	198.00A	198.00A	198.00	11	15
26	196.50	196.50	194.50A	194.50A	194.50	6	16
29	....	195.30B	*193.50A	194.50N	194.50	....	16
30	196.00	196.00	194.50A	194.50B	194.50	1	17
31	193.80	193.80	193.50A	193.50A	193.50	3	20
IN APRIL							
1	....	194.20B	*193.30A	194.00B	194.00	1	20
2	....	....	*193.10A	193.10A	193.10	....	20
5	194.30	194.70	193.80A	194.00	194.00	3	20
6	191.50	194.30B	*189.00	189.00@.00A	189.00	7	26
7	....	190.00B	*188.50A	188.50A	188.50	....	26
8	190.00	191.50B	189.40A	191.40B	191.40	2	28
12	192.00	192.50	191.50A	191.50B	191.50	4	30
13	....	192.50B	....	192.00B	192.00	....	30
14	192.20	192.50B	190.50	190.50	190.50	5	33
15	189.50	190.00B	189.10A	189.10A	189.10	2	34
16	....	....	*188.00A	188.40A	188.40	....	34
19	188.50	191.00	188.50	189.00A	189.00	7	40
20	189.00	189.00	*187.00A	187.00A	187.00	16	45
21	....	188.00B	*185.00A	185.00A	185.00	1	45
22	184.00	185.50B	*184.00	184.00	184.00	1	46
23	185.50	185.50	*183.50A	183.50A	183.50	7	51
26	....	185.00B	*183.00A	184.50B	184.50	....	51
27	186.00	186.00	184.60A	184.60A	184.60	1	51
28	183.50	183.50	*180.50	181.00@180.50	180.80	19	65
29	181.50	184.40B	181.50	184.40B	184.40	10	73
30	183.90	183.90	183.30A	183.30A	183.30	6	69
IN MAY							
3	182.30	182.30	181.00A	181.00A	181.00	1	69
4	180.00	180.00	*178.00A	178.50A	178.50	4	70
5	179.50	180.30B	178.30A	178.70B	178.70	10	77
6	179.80	180.30	179.80	180.30	180.30	10	79
7	182.00	182.40B	181.20A	182.40B	182.40	8	85
10	182.00	182.50B	180.90A	182.50B	182.50	6	90
11	181.00	185.50	180.50	182.00@180.50	181.30	9	95
12	181.00	182.50B	*176.30	178.00@176.30	177.20	8	99
13	178.50	180.00B	178.00	180.00	180.00	14	112
14	180.00	182.00B	179.80A	182.00B	182.00	6	110
17	179.50	182.50B	*179.00	179.00	179.00	9	110
18	179.00	180.10B	178.10A	178.30B	178.30	9	118
19	178.50	179.50	178.50	179.00A	179.00	2	124
20	....	181.00B	....	180.50B	180.50	1	125
21	183.00	183.00	182.10A	182.10A	182.10	5	128
24	182.00	182.00	180.10	181.40B	181.40	6	126
25	181.00	182.00B	180.50	182.00B	182.00	11	129
26	183.50	183.80	183.40A	183.80	183.80	17	131
27	183.00	184.50	183.00	183.60A	183.60	19	139
28	183.00	183.80B	182.50A	183.50@182.50A	183.00	3	140

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN JUNE 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	182.80	182.80	_178.00A_	178.00A	178.00	2	139
2	177.00@176.90	179.00	176.90	178.00@179.00	178.50	5	138
3	178.00	179.00B	_*173.50A_	173.50A	173.50	9	138
4	172.50	173.80B	*168.60A	168.60A	168.60	2	134
7	170.00	_173.60B_	170.00	173.00A	173.00	4	144
8	173.70@.00	174.50B	173.00	174.50B	174.50	3	149
9	174.70B	175.80B	174.00A	175.80B	175.80	2	147
10	176.00	176.00	174.00A	174.50B	174.50	3	147
11	175.00	175.50B	175.00	175.50B	175.50	5	147
14	170.80@.50	170.80	_170.50_	170.50A	170.50	14	146
15	166.50	168.00B	*166.50	168.00B	168.00	1	143
16	....	170.50B	....	168.00N	168.00	2	145
17	....	170.00B	*165.00A	166.90A	166.90	....	145
18	167.00	167.00	*162.90	163.20A@.00	163.10	21	140
21	163.50	163.50	*159.50A	161.50B	161.50	13	142
22	162.00	162.50B	160.80A	161.50B	161.50	16	129
23	161.60	162.50B	*159.20	162.00B	162.00	9	130
24	162.00	162.00	159.50A	160.50B	160.50	7	133
25	158.50	161.40B	*158.00A	160.50A	160.50	24	143
28	160.40	161.50B	160.30A	161.50B	161.50	6	144
29	161.00	162.00	160.80A	161.50B	161.50	2	143
30	166.50	166.50	162.50	162.80B	162.80	4	142

IN JULY

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	165.50B	....	165.00B	165.00	....	133
2	165.50	165.80B	164.80A	165.00A	165.00	2	134
6	....	166.00B	162.00A	164.30A	164.30	....	136
7	....	....	162.70A	163.50A	163.50	....	136
8	164.00	164.00	161.00A	163.00B	163.00	3	139
9	164.00	_168.00_	164.00	168.00B	168.00	32	147
12	168.00	169.40B	167.50	169.00@168.50A	168.70	47	182
13	....	....	167.80A	167.80A	167.80	....	182
14	168.50	168.50	166.50A	168.50B	168.50	3	179
15	170.00	170.00	169.00	169.50A	169.50	1	180
16	172.60	173.40	172.00A	172.00A	172.00	2	181
19	174.80	174.80	168.00	170.00@168.00	169.00	10	182
20	168.00	169.50	166.80A	168.00@167.20A	167.60	24	194
21	168.50	170.00	168.30A	169.90@168.50A	169.20	5	194
22	170.00	170.00	168.00A	170.00@169.00A	169.50	1	195
23	171.00	171.00	168.60A	171.00@169.50A	170.20	1	197
26	166.30	169.00	166.20A	169.00@168.20A	168.60	2	197
27	167.00	168.00	167.00	168.00@167.70A	167.90	2	199
28	166.10	167.50	166.00A	167.50@166.60	167.10	4	198
29	167.00	167.00	165.00A	166.90@165.00A	166.00	12	208
30	166.00	166.00	165.50A	166.00@165.70A	165.90	1	210

IN AUGUST

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
2	167.50	168.40B	167.50	168.40B	168.40	27	221
3	167.00	168.40	166.50A	168.40@.00A	168.20	3	223
4	167.50	169.00B	166.70A	167.90B	167.90	3	224
5	167.00	168.50B	166.80	168.00B	168.00	3	224
6	168.70	168.70	168.30	168.30	168.30	4	229
9	166.80	166.80	166.00	166.50A@.00	166.30	6	240
10	167.00	167.00	166.00	166.00@.50	166.30	5	240
11	164.70	166.30B	164.70	166.00B	166.00	31	238
12	....	166.20B	165.20A	166.20B	166.20	....	238
13	166.00	166.50B	164.00	165.50B	165.50	5	241
16	167.00	167.50B	165.00	166.00A@165.00	165.50	14	231
17	165.50	166.00B	162.00	164.00A@162.00	163.00	32	237
18	166.00	_168.00_	166.00	168.00B	168.00	20	244
19	168.00	169.00B	166.70A	169.00B	169.00	4	245
20	170.10	171.50	169.00	171.50	171.50	11	247
23	171.30@.00	176.00	170.80A	175.80B	175.80	15	253
24	175.50	177.00	174.00	174.00	174.00	20	260
25	174.90	175.00	173.00	173.50@.00	173.30	14	267
26	173.60@.30	176.00	173.30	176.00	176.00	9	269
27	175.00	175.00	_171.00_	172.00A@171.00	171.50	13	275
30	171.50	171.60B	170.50	171.00@170.50	170.80	7	280
31	170.00	172.50B	170.00	170.00@171.00	170.50	41	289

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT IN SEPTEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	172.00	173.00B	170.70	171.00@170.70	170.80	9	293
2	171.30	173.00	170.50	173.00	173.00	9	293
3	174.00	174.60	173.80A	174.10	174.10	8	292
7	175.00	176.50B	174.50	175.00	175.00	37	305
8	174.00	175.00	173.00	175.00	175.00	18	313
9	174.90	175.00	174.00	175.00@174.00A	174.50	13	314
10	173.50	173.50	172.00A	173.00	173.00	10	313
13	172.00	174.50	172.00	174.50@.10A	174.30	15	319
14	174.50	175.40B	173.20A	173.50	173.50	22	334
15	174.00	174.00	172.00	173.50@172.00	173.00	74	395
16	171.50	172.50	171.30A	171.50@172.50	172.00	15	410
17	171.60	172.00	171.00	171.20@.00	171.10	10	411
20	170.90	171.00	170.00A	170.90@171.00	171.00	2	411
21	171.50	171.80B	171.00	171.10@.50	171.30	8	413
22	173.50	173.80	172.80	173.00	173.00	16	421
23	172.80	172.90	171.80A	172.90@.60A	172.80	10	426
24	171.70	172.50	170.80	172.50@.00A	172.30	2	427
27	172.50	172.50	171.20A	171.90A	171.90	2	426
28	172.00	172.80	171.40A	172.80	172.80	6	428
29	172.90	172.90	168.20	169.80@.00A	169.40	29	443
30	168.50	168.60B	165.00	166.50@.90	166.70	46	449

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	168.00	168.20B	166.20	167.50@.00A	167.20	25	450
4	165.50	167.00	165.50	167.00	167.00	14	455
5	167.00	170.00	166.50	170.00@169.50A	169.70	6	452
6	170.50	174.50	170.50	174.50@.30	174.40	20	461
7	175.00	178.80	175.00	178.80@.50	178.60	75	491
8	179.80	179.90B	176.00	179.40	179.40	65	522
11	180.00	183.00	179.80A	183.00	183.00	63	537
12	182.50	183.40B	181.00	181.80@.50	181.70	12	530
13	181.70	186.00	179.60	186.00	186.00	56	554
14	185.00	187.50	183.70	186.00	186.00	40	566
15	183.10	185.80B	183.10	184.00	184.00	17	569
18	184.40	186.20	184.40	186.20	186.20	5	570
19	186.00	187.50	184.50	186.00@185.50	185.80	57	593
20	183.50	183.70	181.20	182.30@181.20	181.80	29	601
21	182.00@181.50	185.00	181.00	182.00@181.10	181.60	25	611
22	183.30@182.90	184.40	182.30	184.40@183.00A	183.70	22	621
25	181.90@.50	181.90	179.30	179.30@180.90B	180.10	41	638
26	180.00	180.70	178.00	180.70@.00A	180.30	24	635
27	180.90@181.30	181.90	178.60	181.90	181.90	36	647
28	183.50	183.60	183.00A	183.50@.60	183.50	10	643
29	185.80	186.90	184.00	186.90	186.90	36	651

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	187.40	188.90	187.30	188.90	188.90	59	669
2	187.50	191.50	187.50	191.40@.50	191.40	44	679
3	191.50@.70	192.30	188.70	189.50@188.70	189.10	85	683
4	189.50	*194.10*	189.50	194.00@.10	194.00	62	696
5	194.00	196.00	193.50	195.00@194.50	194.70	95	705
8	193.70	194.20	193.00	193.90	193.90	118	774
9	192.00	192.00	189.80A	191.80	191.80	105	807
10	191.70	191.70	189.50A	190.30@.10	190.20	25	810
11	188.40	190.20	188.40	189.80@190.20	190.00	50	820
12	191.00	*195.00*	191.00	194.40@.50	194.40	120	860
15	193.00	193.90	190.70	193.10@.30	193.20	37	865
16	190.40	192.80	189.50	192.80@.50	192.70	83	891
17	194.40@.70	195.50	194.00	195.00	195.00	64	890
18	194.50@.70	197.80	194.50	197.40@.80	197.60	52	891
19	196.70	198.20	195.30	198.00@197.30	197.60	98	893
22	198.00	198.00	194.70	196.00	196.00	127	935
23	194.00@193.80	195.00	193.00	194.00	194.00	47	946
24	193.50	194.50	192.50	194.50	194.50	39	941
26	194.00	198.00	193.70	198.00	198.00	33	949
29	198.50	198.50	195.70A	197.50	197.50	56	957
30	196.10	196.50B	193.30	194.50	194.50	77	984

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN DECEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	194.50@.00	195.00	192.00	192.30@.00	192.20	65	993
2	193.00	194.00	191.80A	193.30	193.30	45	1007
3	194.20	195.00	193.20A	194.30@.80	194.50	66	1015
6	194.00	194.00	190.20A	191.30	191.30	55	1000
7	191.00	193.90	191.00	193.90	193.90	180	960
8	193.00@192.00	193.30B	191.80	193.00	193.00	32	932
9	193.50	197.40	192.50	197.20@.40	197.30	89	951
10	197.00	197.10	195.70	197.10	197.10	123	936
13	197.40@.70	199.20	196.00A	199.20	199.20	120	935
14	201.00@.50	#201.60	198.00	199.90@.00A	199.40	183	967
15	198.80	199.40	197.70	199.40	199.40	66	1013
16	199.00@198.80	201.00	197.80A	201.00@.50	201.20	80	1049
17	201.90	#202.30	200.00	201.20@.00	201.10	111	1076
20	199.50	200.50B	198.50A	199.50B@200.00	199.80	26	1053
21	198.60	199.90	198.60	199.90	199.90	18	1058
22	200.70@.90	201.20	200.00	200.50@.40	200.40	54	1102
23	200.30@.50	202.40	200.20	200.70@.50	200.60	114	1091
27	201.00@.20	#202.60	201.00	202.40@201.00	201.70	49	1091
28	202.00@201.80	202.60	200.50	200.50	200.50	88	1096
29	200.20	201.80B	199.30	199.70	199.70	48	1103
30	200.50	200.50	198.20	198.60@199.20	198.90	47	1098
31	199.00	200.50	198.40	200.50@199.80A	200.10	12	1101

SEPTEMBER 1983 FUTURES CONTRACT
IN MAY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
19	185.50	#187.00B	*185.50	185.50A	185.50	2	1
20	....	187.00B	....	185.50N	185.50	....	1
21	185.70	185.90B	185.60	185.90B	185.90	2	....
24	186.00	186.40B	185.50A	186.40B	186.40	1	1
25	186.00	#187.10B	186.00	187.10B	187.10	9	10
26	....	....	186.00A	186.00A	186.00	1	10
27	187.00	#187.90	185.60A	187.00A	187.00	6	15
28	187.90	187.90	187.00A	187.00A	187.00	1	15

IN JUNE

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	....	_*182.00A_	182.00A	182.00	....	15
2	181.10@.00	183.40B	*181.00	182.50B	182.50	2	16
3	184.00	184.00	_*177.50A_	177.50A	177.50	2	15
4	....	178.00B	*172.60A	172.60A	172.60	....	15
7	....	_177.60B_	....	177.60B	177.60	....	15
8	....	178.70B	....	178.70B	178.70	....	15
9	178.70	180.00B	178.70	180.00B	180.00	5	20
10	....	180.10B	178.00A	178.50A	178.50	....	20
11	179.50	179.50	179.00A	179.40B	179.40	3	20
14	....	....	_174.40A_	174.40A	174.40	....	20
15	....	....	*170.50A	171.20A	171.20	....	20
16	....	173.50B	....	171.20N	171.20	....	20
17	174.20	174.20	*169.00A	170.50B	170.50	2	22
18	167.50	167.50	_*165.50A_	166.50A	166.50	....	21
21	....	....	*163.50A	164.00A	164.00	2	23
22	164.00	166.00	164.00	166.00	166.00	6	19
23	....	....	165.50A	166.00N	166.00	1	18
24	165.50	165.50	163.80A	164.50B	164.50	5	17
25	....	....	*162.80A	164.50N	164.50	....	17
28	....	165.50B	163.90A	165.50B	165.50	....	17
29	164.50	165.00B	164.30A	165.00B	165.00	1	18
30	166.20	168.00B	166.20	167.00B	167.00	1	18

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	168.00	169.50B	168.00	169.00A	169.00	1	19
2	....	169.50B	168.00A	169.00N	169.00	....	19
6	....	170.00B	165.00A	168.30A	168.30	....	19
7	....	....	166.50A	167.50A	167.50	....	19
8	....	....	164.20A	166.50A	166.50	....	19
9	168.00	*171.50B*	168.00	171.50B	171.50	8	24
12	170.00	171.30B	170.00	170.50A	170.50	31	52
13	....	....	170.00A	170.00A	170.00	....	52
14	170.50	171.80B	169.80A	171.00A	171.00	3	52
15	....	173.00B	....	173.00B	173.00	....	52
16	176.70	176.70	174.30A	176.00A	176.00	1	52
19	....	178.00B	173.00A	173.00A	173.00	....	52
20	172.40	172.50	171.50A	171.50A	171.50	2	54
21	172.50	173.00B	172.00A	172.50	172.50	1	53
22	....	173.50B	....	173.50B	173.50	....	53
23	....	174.00B	....	174.00B	174.00	....	53
26	173.00	173.00	170.00A	171.50B	171.50	3	55
27	....	....	170.00A	170.00A	170.00	....	55
28	168.00	169.50	168.00	169.50B	169.50	1	55
29	169.00	169.00	176.00A	167.50A	167.50	3	57
30	....	168.00B	167.40A	168.00B	168.00	....	57
IN AUGUST							
2	169.00	170.50	169.00	170.50	170.50	21	78
3	169.50	170.30B	169.30A	170.30B	170.30	3	80
4	169.50	171.00B	169.50	170.20B	170.20	2	81
5	169.20	170.80B	169.20	170.80B	170.80	4	81
6	170.50	171.00B	170.50	170.90B	170.90	3	83
9	168.00	168.00	168.00	168.00	168.00	....	84
10	168.00	168.30B	167.50	168.30B	168.30	4	86
11	....	169.80B	167.30A	169.80B	169.80	....	86
12	....	170.40B	....	169.90B	169.90	....	86
13	....	....	168.50A	168.90A	168.90	....	86
16	169.00	170.50B	169.00	170.00A@169.00	169.50	10	96
17	168.50	169.70B	165.50	167.60A@165.50	166.60	29	118
18	171.50	*171.60*	170.00	171.60B	171.60	28	132
19	171.80	173.00B	171.00A	173.00B	173.00	13	132
20	174.30	175.00B	171.00	174.50B	174.50	6	138
23	178.50	178.50	174.20A	178.50	178.50	2	138
24	179.50	180.20B	175.00	178.00@175.00	176.50	13	150
25	177.90	177.90	175.50	176.50@175.50	176.00	15	158
26	176.50	177.90	176.50	177.90	177.90	3	160
27	177.00	177.00	173.00	174.00@173.00	173.50	14	164
30	174.00	174.30B	171.00	172.00@171.00	171.50	18	176
31	173.30	174.90B	171.50	172.00	172.00	16	185
IN SEPTEMBER							
1	174.00	175.70B	173.00	173.50	173.50	4	186
2	175.10	175.10	173.00A	175.10	175.10	1	186
3	176.00	177.20B	174.00	176.00@174.00	175.00	4	189
7	178.50	178.50	176.00	177.00@176.00	176.50	6	190
8	176.00	177.50	175.80A	177.50	177.50	3	193
9	177.50	178.00B	176.50A	177.50@.00A	177.30	4	196
10	175.50	176.00	175.50	176.00	176.00	9	201
13	176.50	177.00	175.00A	177.00@176.10	176.50	3	204
14	177.50	178.00B	177.00	177.00	177.00	3	206
15	176.10	177.00	176.00A	177.00@176.00A	176.50	2	208
16	177.00	177.00	174.50A	175.50	175.50	17	219
17	175.50	175.80B	175.00A	175.50	175.50	2	221
20	177.00	177.00	173.50A	177.00@175.10	176.00	2	222
21	176.50	176.50	175.20A	175.60@.90	175.80	5	225
22	177.80	177.80	176.30A	176.90	176.90	11	230
23	176.50	177.20	175.70A	177.20@176.50A	176.90	8	229
24	176.00	177.00	174.50A	177.00@176.20A	176.60	9	235
27	....	....	175.30A	176.20A	176.20	....	235
28	177.00	177.00	175.20A	177.00	177.00	2	235
29	174.00	174.10	173.00A	174.00	174.00	27	247
30	171.50	172.00B	169.60	171.50	171.50	7	249

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	171.90	173.00B	170.90	171.00	171.00	7	251
4	169.50	172.00	169.50	172.00	172.00	16	263
5	171.20	174.90	171.20	174.90@.50A	174.70	5	260
6	175.00	177.80B	175.00	177.50	177.50	33	279
7	178.50	181.60	178.50	181.60@.20	181.40	29	293
8	182.00	182.00	180.00A	182.00	182.00	8	298
11	182.00	*187.00*	182.00	187.00	187.00	37	331
12	186.90	186.90	185.00	186.40@185.50A	186.00	26	343
13	185.40	#189.00	184.70A	189.00	189.00	23	360
14	189.00	#190.20	187.00	190.00	190.00	44	390
15	187.50	189.00B	187.50	188.00	188.00	14	395
18	188.80	189.00	187.80A	189.00	189.00	5	397
19	189.00	190.20	186.50A	189.00@188.50	188.80	36	409
20	187.50	187.50	185.10A	186.50	186.50	13	416
21	186.00	187.50B	185.00	185.00@.20	185.10	20	417
22	186.30@.50	188.00	186.20	188.00@187.00A	187.50	9	422
25	184.50	185.00	184.50	185.00@184.50A	184.80	21	414
26	185.60	185.60	184.40	185.00@.50	185.20	14	420
27	185.20	187.00	184.00A	187.00	187.00	9	414
28	188.50@189.50	189.60B	188.00A	188.50@189.00	188.70	14	416
29	190.00@.10	#191.40	189.00A	191.00@.40	191.20	14	420
IN NOVEMBER							
1	192.30@.40	#194.90	191.00	194.90	194.90	26	434
2	195.20	#198.00	194.50A	198.00	198.00	41	441
3	197.90	197.90	194.00	195.50A@194.00	194.80	34	426
4	195.60	*#199.80B*	195.60	199.80B	199.80	39	447
5	199.40	#201.00	199.00	201.00	201.00	29	448
8	200.50@.80	200.80	198.50	199.00	199.00	18	455
9	196.90	197.00	195.00	195.70B@.80	195.80	36	472
10	195.30	196.00	193.70A	194.50@193.70A	194.10	15	473
11	192.20	193.90	192.20	193.80@.90	193.90	51	486
12	195.00	198.00	194.50	198.00	198.00	93	519
15	196.60	197.30	195.20	197.00@.30	197.20	15	533
16	194.00	196.90	193.00A	196.90	196.90	36	552
17	198.20	199.40	197.80	199.40	199.40	49	565
18	198.50	#201.50	198.00A	201.00@200.00	200.50	51	559
19	201.00	#201.60	199.20	201.00@200.50	200.70	43	587
22	201.20@.50	201.50	198.50	199.50	199.50	83	641
23	197.50	198.50	196.50	197.20	197.20	35	658
24	196.10	198.00	195.80	198.00@197.50	197.70	14	669
26	197.50	201.00	197.50	201.00	201.00	28	678
29	200.50	201.00	199.10	201.00	201.00	41	701
30	199.60@.40	200.00B	196.80A	197.00	197.00	18	703
IN DECEMBER							
1	196.00	198.00	195.50	195.50@196.00	195.80	22	721
2	196.70	197.00	194.50	196.90	196.90	36	717
3	197.80	197.90	196.00A	197.80	197.80	13	720
6	195.20	195.50B	193.60A	195.00@194.00A	194.50	81	747
7	194.90	196.50B	194.00	196.40	196.40	49	764
8	194.50	196.70B	194.00	196.70B	196.70	29	771
9	197.00	200.80	195.30	200.80	200.80	59	782
10	200.50	200.70	199.00	200.70	200.70	22	784
13	201.40	#203.00	199.60A	202.90@.00	202.40	43	778
14	204.50	#205.00B	201.00	203.00B	203.00	78	821
15	203.00	203.40	200.80A	203.40@.20A	203.30	42	820
16	202.90	204.50	201.80	204.50@.00	204.20	67	831
17	205.40	#206.20	203.50	204.50@.00	204.20	100	848
20	202.80@.50	204.00B	201.10	202.50@.00	202.30	34	842
21	202.70	203.50	201.60	203.40@202.80	203.10	21	847
22	204.50	204.90	203.60	204.70	204.70	17	903
23	205.00	#206.40	205.00	205.50@.00	205.20	32	916
27	206.00@205.70	206.10	204.10	206.00@205.10A	205.50	18	914
28	205.00	205.90	204.50A	205.50@.00	205.30	8	848
29	204.20	205.20B	203.10A	203.70@.10A	203.40	14	844
30	203.50@204.00	204.20	202.60	203.00@.20	203.10	21	842
31	203.00	203.90	202.80A	203.90@.60	203.70	8	843

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1983 FUTURES CONTRACT
IN JULY 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
20	172.40	#173.00B	*172.00A	172.00A	172.00	1	1
21	173.00	#173.50B	172.00A	172.40A	172.40	1	1
22	....	#174.00B	....	174.00B	174.00	....	1
23	....	#174.50B	....	174.50B	174.50	....	1
26	174.00	174.00	*170.50A	172.80A	172.80	1	2
27	....	....	171.50A	171.50A	171.50	....	2
28	....	....	*170.00A	170.50A	170.50	....	2
29	170.00	170.00	168.50A	169.00A	169.00	3	5
30	....	....	168.50A	169.00N	169.00	....	5

IN AUGUST

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
2	....	172.60B	....	172.60B	172.60	....	5
3	170.50	171.00B	170.00A	171.00B	171.00	1	6
4	....	172.30B	170.70A	171.30B	171.30	....	6
5	....	173.00B	171.20A	173.00B	173.00	....	6
6	....	173.50B	172.50A	173.10B	173.10	....	6
9	....	....	169.00A	169.00A	169.00	....	6
10	....	169.50B	....	169.50B	169.50	....	6
11	....	171.00B	168.80A	171.00B	171.00	....	6
12	....	171.60B	....	171.20B	171.20	....	6
13	....	....	169.50A	171.00A	171.00	....	6
16	172.80	172.80	170.50A	171.10B	171.10	2	7
17	170.40	170.50	*168.00A	168.00A	168.00	11	12
18	172.80	*173.00*	171.70A	173.00B	173.00	9	19
19	....	174.00B	172.00A	174.00B	174.00	....	19
20	175.80	#176.00B	173.50	176.00B	176.00	6	23
23	179.80	#180.00B	175.80A	180.00B	180.00	3	25
24	181.00	#181.70B	179.10A	179.10A	179.10	4	27
25	179.00	180.20B	178.50A	179.00@178.50A	178.80	1	28
26	179.70	180.00B	179.50A	179.70	179.70	1	28
27	179.80	181.00	175.50A	175.50A	175.50	5	33
30	176.00	176.70B	173.50A	173.50A	173.50	1	31
31	177.00	177.10B	175.00A	175.00A	175.00	2	33

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	177.80B	....	176.50B	176.50	....	33
2	....	176.70B	176.00A	176.60B	176.60	....	34
3	....	179.50B	176.00A	176.00A	176.00	....	34
7	....	180.50B	....	178.50B	178.50	....	34
8	178.50	179.00	178.00A	179.00	179.00	6	38
9	179.00	179.40B	178.50A	178.50A	178.50	3	41
10	179.00	179.00	177.10A	177.10A	177.10	1	42
13	177.10	178.00B	176.90	178.00B	178.00	3	43
14	179.50	179.50	177.80A	177.80A	177.80	7	48
15	....	....	177.00A	177.00A	177.00	....	48
16	178.00	178.00	175.30A	176.50A	176.50	2	48
17	....	176.80B	176.00A	176.50N	176.50	....	48
20	....	....	175.50A	176.50N	176.50	....	48
21	....	177.80B	....	177.70B	177.70	....	48
22	179.00	179.80	178.00	178.60B	178.60	2	47
23	179.00	179.00	177.70A	178.50	178.50	8	52
24	178.50	178.70	176.50A	178.50A	178.50	3	53
27	....	....	177.30A	178.00A	178.00	....	53
28	....	178.50B	177.20A	178.50B	178.50	....	53
29	....	....	175.00A	176.00A	176.00	....	53
30	174.00	174.00	172.00A	173.30B	173.30	9	55

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1983 FUTURES CONTRACT
IN OCTOBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	175.00B	173.00A	173.00A	173.00	....	55
4	172.00	173.30B	171.50A	173.30B	173.30	11	61
5	175.00	175.90B	175.00	175.90B	175.90	6	62
6	176.50	179.00B	176.50	178.90B	178.90	....	62
7	180.00	#182.00B	180.00	181.90B	181.90	7	67
8	182.00@.50	#182.90B	180.50A	182.90B	182.90	5	70
11	184.00	#187.50B	184.00	187.50B	187.50	15	77
12	187.00	187.00	185.00	186.00A@185.00	185.50	9	83
13	185.00	#189.00	185.00	189.00	189.00	18	91
14	189.00	#190.80	187.40	189.90B	189.90	19	95
15	....	....	188.00A	188.00A	188.00	4	98
18	....	189.00B	....	189.00B	189.00	....	98
19	190.00	190.40	186.50	186.50@187.50B	187.00	16	112
20	187.50	189.40	185.50A	186.50A	186.50	7	116
21	....	187.50B	185.20A	185.20A	185.20	....	117
22	....	187.50B	....	187.00B	187.00	1	117
25	184.60	184.60	184.60	184.60	184.60	11	114
26	....	185.50B	184.40A	185.00B	185.00	....	106
27	....	187.00B	184.30A	187.00B	187.00	....	106
28	....	189.60B	....	189.00B	189.00	....	106
29	190.00	#193.00	190.00	193.00@191.00A	192.00	17	109
IN NOVEMBER							
1	193.00	#195.00B	192.20	195.00B	195.00	15	119
2	195.00	#197.90B	195.00	197.90B	197.90	17	120
3	198.00	#198.20	196.10A	196.10A	196.10	14	117
4	198.50	*#201.10B*	197.50	201.10B	201.10	8	122
5	201.00	#202.40	200.50	201.00A	201.00	20	127
8	200.00@.20	200.20	198.00	198.00@199.30B	198.70	23	143
9	197.00	197.70B	195.00	195.40@196.00B	195.70	51	170
10	195.70	195.70	193.50	193.50@194.00B	193.80	1	170
11	192.50	195.00	192.50	193.50@195.00	194.20	34	193
12	195.00	198.30	195.00	197.80@198.00	197.90	39	206
15	196.00	197.50B	195.50	197.50B	197.50	7	206
16	194.50	197.00B	193.70	196.00@197.00B	196.50	9	209
17	198.70	201.00	198.70	199.00	199.00	24	212
18	199.00	201.00	198.30A	201.00@200.00	200.50	22	214
19	202.50	#202.50	199.50	201.40@200.00	200.70	28	230
22	200.00	201.00B	199.00	199.00	199.00	11	236
23	198.50	199.00	196.10	196.10	196.10	27	245
24	197.50	198.00B	196.30	196.30	196.30	5	250
26	198.20@.30	201.00	198.20	201.00	201.00	17	256
29	201.00	201.50B	199.50A	201.10@.50B	201.30	17	264
30	199.70	200.60B	197.00	197.50@.00	197.30	10	264
IN DECEMBER							
1	199.00	199.00	195.50	197.00A@195.50	196.30	13	172
2	197.60	198.00B	195.50A	198.00B	198.00	13	274
3	198.50	198.80B	197.50	197.50	197.50	5	276
6	197.40	197.40	195.00	195.50@.00	195.30	5	279
7	196.50	197.30	196.50	197.00@.30B	197.10	7	282
8	197.50@.70	197.70	196.00	196.20@197.00B	196.60	24	290
9	197.40	200.70	197.10	200.20@.70	200.40	18	295
10	201.20@.40	201.80B	200.50	201.10@.80B	201.40	15	301
13	202.00	#204.80B	201.50A	203.00	203.00	41	306
14	204.80@205.00	#205.70B	202.00	204.00B	204.00	29	312
15	202.20	203.50	201.80	202.50@203.50	203.00	17	322
16	203.80	204.80	203.80	204.50@.00	204.20	9	323
17	206.40	#207.50	204.50	205.40@.00	205.20	36	348
20	205.20@.00	206.20	203.20	203.50A	203.50	14	345
21	....	204.80B	....	204.20B	204.20	1	345
22	204.50	205.50B	204.50	204.50@205.50B	205.00	2	292
23	206.30	206.60B	205.40	205.40@206.00B	205.70	10	297
27	207.00	207.00	205.70A	206.10A	206.10	9	300
28	206.90	207.00	205.80A	205.80A	205.80	5	302
29	206.00	206.20B	204.00	204.00@.50B	204.30	3	303
30	204.00	204.50B	203.70A	203.90	203.90	2	303
31	204.10	204.70B	204.00A	204.70B	204.70	3	306

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN SEPTEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	(Trades Cleared)	Volume Open Interest
16	179.00	#182.00B	*179.00	181.00B	181.00	1	1
17	....	#183.00B	....	181.00N	181.00	....	1
20	....	#183.80B	180.60A	182.90B	182.90	....	1
21	....	#184.00B	180.00A	180.70A	180.70	....	1
22	....	*#185.70B*	....	182.50B	182.50	....	1
23	....	183.00B	181.50A	182.50N	182.50	....	1
24	....	183.50B	181.00A	183.50B	183.50	....	1
27	....	....	183.00A	183.50N	183.50	....	1
28	....	184.50B	182.70A	183.70B	183.70	....	1
29	....	....	180.00A	181.00A	181.00	....	1
30	....	....	*178.00A	178.40A	178.40	....	1

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Settlement Price	(Trades Cleared)	Volume Open Interest
1	....	180.00B	178.00A	178.00A	178.00	....	1
4	....	178.30B	*176.50A	178.30B	178.30	....	1
5	180.00	180.70B	180.00	180.70B	180.70	3	4
6	182.50	183.70	182.50	183.70	183.70	4	7
7	185.50	#187.00B	185.50	187.00B	187.00	1	8
8	186.50	#189.00B	185.70A	187.40B	187.40	2	8
11	....	#190.00B	....	190.00B	190.00	....	8
12	190.00	#191.00B	189.50A	189.50A	189.50	....	8
13	190.00	#193.50B	189.00A	193.50B	193.50	2	10
14	....	#194.50B	193.00A	194.00B	194.00	....	10
15	194.50	#195.00B	193.50A	194.00A	194.00	1	11
18	195.00	#195.20B	193.70A	195.20B	195.20	1	12
19	195.50	#197.00B	194.00A	194.00A	194.00	1	13
20	194.00	194.00	192.00A	192.50A	192.50	7	18
21	....	194.00B	192.00A	192.50N	192.50	....	18
22	195.00	196.00	194.60A	194.60A	194.60	4	20
25	....	....	191.50A	191.50A	191.50	1	22
26	....	192.00B	191.00A	191.00A	191.00	1	23
27	192.00	193.00B	190.60A	193.00B	193.00	1	23
28	195.00	195.00	193.50A	193.50A	193.50	2	23
29	195.00	196.00	195.00	196.00B	196.00	2	24

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	(Trades Cleared)	Volume Open Interest
1	199.50@200.00	#200.00	198.50A	199.50@200.00	199.70	2	25
2	201.50	#204.00	201.50	204.00	204.00	9	34
3	205.00	#205.00	201.00A	201.00A	201.00	....	34
4	205.00	*#206.00B*	205.00	205.00	205.00	2	34
5	....	#206.30B	....	206.30B	206.30	5	39
8	206.00	206.00	204.30A	204.60A	204.60	2	40
9	....	....	201.50A	201.50A	201.50	....	40
10	201.00	202.20B	200.10A	201.00@200.10A	200.60	9	44
11	200.50	201.00B	199.00A	201.00B	201.00	....	44
12	203.40	205.30	203.40	205.30	205.30	2	46
15	....	....	202.80A	204.00A	204.00	....	46
16	201.00	204.50B	200.80	204.50B	204.50	3	42
17	208.00@.50	#208.50	206.00	207.00B	207.00	12	43
18	206.50	#209.00B	206.50	207.50B	207.50	8	50
19	210.00@.50	#210.50	208.60A	208.60A	208.60	15	48
22	207.60	207.60	207.30A	207.40A	207.40	1	49
23	207.20@.10	207.20	206.20A	206.20A	206.20	18	62
24	207.20	207.50B	206.30A	206.30A	206.30	11	62
26	....	208.00B	206.00A	207.50B	207.50	....	62
29	207.70	208.50	206.80A	207.50A	207.50	6	61
30	207.00	207.00	205.00A	206.00@205.00A	205.50	4	65

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN DECEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	206.00B	203.10A	203.10A	203.10	1	65
2	204.70	205.00B	202.50A	205.00B	205.00	2	65
3	205.80	206.20B	204.00A	204.00A	204.00	2	65
6	201.50	201.50	201.00A	201.50@.00A	201.30	2	65
7	202.00	203.50B	201.80A	203.50B	203.50	5	70
8	203.00	204.50B	201.50	203.00@201.50	202.30	13	73
9	203.70	205.10B	203.70	205.10B	205.10	5	70
10	....	206.80B	....	205.50B	205.50	....	70
13	....	210.50B	....	208.00B	208.00	....	70
14	210.50	#211.50B	208.00A	208.20@.00A	208.10	3	71
15	208.00	209.80B	208.00	208.00	208.00	5	72
16	209.50	210.00B	209.50	210.00B	210.00	2	72
17	212.00	#212.00	210.00A	210.00A	210.00	9	73
20	208.50	210.00B	208.50	208.50	208.50	2	75
21	208.00	209.50B	208.00	208.00	208.00	1	76
22	210.50	210.50	210.00A	210.50	210.50	2	76
23	211.00	211.40B	209.50	209.50	209.50	3	78
27	212.30	#212.30	210.80A	211.00A	211.00	1	78
28	211.00	211.50B	210.50A	210.50A	210.50	2	78
29	210.50	211.20B	209.50A	209.70@.50A	209.60	2	80
30	....	....	208.60A	209.00A	209.00	....	80
31	....	209.30B	....	209.30A	209.30	....	80

MARCH 1984 FUTURES CONTRACT
IN NOVEMBER 1982

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
17	210.00	#211.00B	*210.00	210.50B	210.50	2	1
18	212.00	#212.50B	210.00A	211.00A	211.00	2	2
19	....	#212.80B	....	211.00N	211.00	....	2
22	....	212.10B	....	211.00N	211.00	....	2
23	211.40	211.80B	210.10A	210.10A	210.10	....	2
24	....	211.20B	....	210.10N	210.10	1	3
26	....	212.50B	210.00A	211.50B	211.50	....	2
29	211.70	212.50B	211.20A	211.80B	211.80	1	3
30	211.50	211.50	*209.20A	209.20A	209.20	1	3

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Settlement Price	Volume (Trades Cleared)	Open Interest
1	....	210.50B	*206.50A	206.50A	206.50	....	3
2	209.50	210.10B	207.00A	209.00B	209.00	3	5
3	....	210.20B	208.00A	208.00A	208.00	....	5
6	....	....	*205.10A	205.50A	205.50	....	5
7	208.40	208.40	206.80A	208.10A	208.10	1	6
8	....	209.80B	206.00A	207.00A	207.00	....	6
9	209.50	211.00B	209.40A	211.00B	211.00	2	7
10	....	212.80B	....	211.00N	211.00	....	7
13	....	#216.00B	....	213.50B	213.50	....	7
14	....	#216.50B	....	214.50B	214.50	....	7
15	215.50	216.50B	214.80A	214.80A	214.80	1	8
16	215.00	216.30B	214.50A	214.50A	214.50	2	9
17	216.50	#217.00B	214.00A	214.00A	214.00	6	12
20	....	....	212.50A	212.50A	212.50	....	12
21	....	214.00B	....	212.50N	212.50	....	12
22	....	215.50B	....	215.00B	215.00	....	11
23	....	217.00B	....	215.00N	215.00	....	11
27	....	215.50B	....	215.50B	215.50	....	11
28	215.60	215.80B	214.50A	214.50A	214.50	1	12
29	216.20	216.30B	213.50A	213.50A	213.50	3	14
30	....	....	213.00A	213.00A	213.00	....	14

Section Three

SUMMARY VOLUME, OPEN INTEREST AND DELIVERY TABLES

1982 VOLUME OF TRADING ON THE CHICAGO MERCANTILE EXCHANGE

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	YEAR
CHICAGO MERCANTILE EXCHANGE (C.M.E.)—													
Pork Bellies	196,040	#216,333	*263,431	*265,863	*301,763	#248,855	#217,434	#229,207	#188,129	#224,449	#227,482	#232,688	+2,811,674
Live Hogs	#178,698	#195,567	#262,645	#222,594	*288,004	*408,299	#300,139	#344,515	#347,158	#383,369	#324,922	#305,064	+3,560,974
Live Cattle	387,172	332,460	434,339	355,753	389,308	458,390	340,170	326,041	353,092	421,224	337,413	305,630	4,440,992
Feeder Cattle	50,186	52,446	54,759	43,416	37,286	59,452	46,398	57,290	62,585	52,969	43,164	43,818	603,769
Eggs	—	—	—	—	6	6	1	3	2	—	—	—	18
Plywood	14	9	10	—	1	1	—	—	—	—	—	—	35
Potatoes	2	1	—	2	4	—	—	—	—	—	—	—	9
Broiler Chickens	818	310	519	180	133	76	42	8	13	9	10	—	2,118
INTERNATIONAL MONETARY MARKET (I.M.M.)—													
British Pound	#114,324	114,035	#130,386	#105,875	89,268	#128,676	107,194	124,125	84,697	99,758	108,117	115,246	1,321,701
Canadian Dollar	32,572	42,463	75,882	#74,431	*93,600	*177,683	#109,523	#121,996	#80,735	#77,982	#89,296	#102,304	+1,078,467
Deutschemark	#132,611	111,629	#129,037	108,493	#170,869	#153,999	*180,092	*198,485	149,603	133,768	167,469	#156,846	+1,792,901
Dutch Guilder	—	—	—	—	—	—	—	—	—	—	—	128	128
French Franc	18	42	507	183	1,123	#2,006	92	#843	#3,783	#1,151	#4,244	2,482	+16,474
Japanese Yen	#80,272	#87,736	*140,187	*145,289	*160,196	#117,270	*203,985	#184,705	#126,374	#126,479	*215,465	#174,288	+1,762,246
Mexican Peso	1,793	5,854	6,886	4,926	5,678	5,525	5,125	#14,551	#5,900	2,683	2,388	3,727	65,036
Swiss Franc	#158,814	#137,177	#187,809	#170,142	*246,570	#214,458	*288,093	*313,259	#230,797	#216,694	#253,010	#236,509	+2,653,332
Gold Bullion	128,655	103,369	174,103	153,407	84,307	122,228	117,956	122,613	147,931	150,655	135,828	92,414	1,533,466
Silver Coins	1	—	—	—	—	—	—	—	—	—	—	—	1
90-Day Treasury Bill	#503,536	#465,503	*638,665	#529,098	#595,379	#545,986	#615,158	*738,394	#628,581	#521,431	442,431	374,686	+6,598,848
3-Mth Cert. of Dep.	*127,931	115,665	#158,590	#143,647	#146,296	#145,253	*173,493	#159,462	#120,436	#101,212	92,905	71,437	+1,556,327
3-Mth Eurodollar	#11,070	#11,879	#14,351	*16,672	*21,904	*25,475	#22,457	*35,654	*42,859	#42,042	#39,244	#40,012	+323,619
INDEX AND OPTION MARKET (I.O.M.)—													
S & P 500 Futures	—	—	—	*27,544	*123,097	*261,282	#236,825	*373,646	*408,085	*490,697	*515,625	#498,731	+2,935,532
Random Length Lumber	51,268	45,193	44,717	44,116	40,828	47,512	34,524	35,432	29,835	47,761	51,046	44,387	516,619
TOTALS:													
C.M.E.	812,930	797,126	1,015,703	887,808	1,016,505	#1,175,079	904,184	957,064	950,979	1,082,020	932,991	#887,200	11,419,589
I.M.M.	#1,291,597	#1,195,352	*1,656,403	#1,452,163	#1,615,190	#1,638,559	*1,823,168	*2,014,087	#1,621,696	#1,473,855	#1,550,397	1,370,079	+18,702,546
I.O.M.	51,268	45,193	44,717	*71,660	*163,925	*308,794	#271,349	*409,078	*437,920	*538,458	*566,671	#543,118	+3,452,151
EXCHANGE OVERALL	#2,155,795	#2,037,671	*2,716,823	#2,411,631	*2,795,620	*3,122,432	#2,998,701	*3,380,229	#3,010,595	#3,094,333	#3,050,059	#2,800,397	+33,574,286
Currencies Only	#520,404	#498,936	#670,694	#609,339	*767,304	*799,617	*894,104	*957,964	#681,889	#658,515	#839,989	#791,530	+8,690,285
Interest Rates Only	642,537	593,047	*811,606	#689,417	763,579	716,714	811,108	*933,510	#791,876	664,685	574,580	486,135	+8,478,794

# Record volume month for any year (Jan to Jan, Feb to Feb, etc.) as they occured during 1982

* All-Time Record volume month for any month and year as they occured during 1982

+ All-Time Record volume year.

INDEX AND OPTION MARKET DAILY VOLUME TOTALS DURING 1982 (All I.O.M. Contracts)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Closed	943	2,019	1,076	....	11,494	11,059	....	18,273	17,001	23,899	R43,720
2	....	2,061	2,373	688	....	12,123	9,016	13,443	21,375	....	29,858	29,708
3	....	1,788	1,769	....	4,028	13,035	....	14,237	24,359	....	31,930	24,634
4	2,034	2,470	2,598	....	5,033	12,731	....	15,893	....	20,430	35,739	....
5	3,071	1,552	2,600	1,600	4,229	....	Closed	16,558	....	18,937	27,505	....
6	2,311	....	....	2,526	7,149	....	12,156	12,969	Closed	22,072	....	33,835
7	2,936	....	....	1,863	6,803	R16,165	13,232	....	18,512	R31,777	....	39,687
8	1,931	2,424	2,092	1,334	....	R18,071	16,302	....	23,273	26,479	23,317	34,333
9	....	1,720	1,611	Closed	....	R18,996	18,516	16,378	21,803	....	29,184	36,187
10	....	1,246	2,001	....	5,906	17,394	....	17,700	21,704	....	33,850	27,848
11	2,717	1,217	2,416	....	6,733	14,998	....	16,030	....	26,577	30,831	....
12	3,489	3,111	2,170	1,425	R 8,679	....	14,968	13,522	....	30,266	27,741	....
13	2,292	....	....	1,629	8,431	....	14,392	12,339	22,824	29,719	....	21,654
14	2,767	....	....	2,234	6,565	11,981	12,304	....	26,577	22,311	....	36,387
15	2,560	Closed	1,566	1,223	....	14,707	14,114	....	25,239	18,913	25,925	31,561
16	....	3,259	2,038	2,147	....	14,731	10,096	16,350	21,290	....	34,418	28,510
17	....	3,268	2,959	....	5,824	14,721	....	R21,933	15,547	....	27,211	19,511
18	2,393	2,846	1,954	....	8,058	9,624	....	R24,218	....	19,923	23,821	....
19	1,528	2,764	1,230	2,426	R 9,090	....	11,023	R25,593	....	29,152	22,932	....
20	1,946	....	....	2,027	R10,987	....	13,162	19,962	18,872	28,438	....	15,494
21	2,759	....	....	6,426	6,764	15,190	13,031	....	20,874	28,102	....	20,163
22	3,789	2,655	1,572	4,753	....	13,497	12,021	....	25,009	27,885	26,786	22,193
23	....	2,919	1,883	6,091	....	15,816	9,060	23,404	23,621	....	30,820	8,762
24	....	3,979	1,076	....	6,736	16,074	....	24,855	16,572	....	17,629	Closed
25	2,301	1,548	1,863	....	R15,429	11,686	....	21,866	....	27,128	Closed	....
26	2,501	2,883	2,741	5,787	R16,118	....	10,729	23,309	....	R38,566	13,112	....
27	2,455	....	....	6,483	12,157	....	11,406	18,686	10,786	29,337	....	15,328
28	2,432	....	...	R7,354	9,206	11,021	14,518	....	19,245	24,759	....	17,360
29	3,056	....	1,597	6,758	....	11,466	17,305	....	21,278	20,686	22,583	14,741
30	....	....	1,579	5,699	....	13,273	12,939	17,749	20,887	....	27,580	14,915
31	....	....	1,010	4,028	Closed	....	....	22,084	....	....	....	6,587
Total	51,268	45,193	44,717	71,660	163,925	308,794	271,349	409,078	437,920	538,458	566,671	543,118
Average	2,563	2,379	1,944	3,412	8,196	14,036	12,921	18,594	20,853	25,640	26,984	24,687

R—Single Day Total Records

Note: I.O.M. division in effect as of Apr 21, 1982; totals shown prior to that date are Lumber futures only.

STANDARD AND POOR'S 500 STOCK INDEX FUTURES DAILY VOLUME TOTALS DURING 1982 (All Delivery Months)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	....	....	....	....	9,159	9,356	....	16,729	15,533	20,845	R41,761
2	....	....	....	....	....	9,454	8,093	12,356	20,283	....	27,602	28,112
3	....	....	....	....	2,881	10,089	....	12,605	22,732	....	29,062	22,629
4	....	....	....	....	2,700	10,257	....	13,973	....	19,323	33,111	....
5	....	....	....	....	2,746	....	Closed	14,726	....	17,766	24,354	....
6	....	....	....	....	R 5,171	....	10,441	12,213	Closed	19,087	....	29,979
7	....	....	....	....	4,009	R14,287	12,165	....	16,769	R28,416	....	36,745
8	....	....	....	....	....	R16,667	14,910	....	21,396	24,000	20,961	32,120
9	....	....	....	....	....	R16,904	15,394	14,928	20,613	....	26,211	33,644
10	....	....	....	....	4,218	14,794	....	16,527	18,891	....	31,139	25,226
11	....	....	....	....	4,715	12,069	....	15,055	....	23,601	28,465	....
12	....	....	....	....	R 5,185	....	12,281	12,871	....	27,930	24,757	....
13	....	....	....	....	5,017	....	12,573	10,794	21,568	26,549	....	19,241
14	....	....	....	....	3,937	9,968	10,863	....	R25,227	19,449	....	32,047
15	....	....	....	....	....	12,281	12,774	....	23,472	17,200	23,107	29,023
16	....	....	....	....	....	13,007	8,335	15,042	20,314	....	32,120	26,991
17	....	....	....	....	4,296	11,031	....	R20,687	14,544	....	24,861	17,040
18	....	....	....	....	R 6,677	7,537	....	R23,458	....	18,404	21,259	....
19	....	....	....	....	R 7,169	....	9,559	22,420	....	26,419	20,670	....
20	....	....	....	....	R 8,403	....	10,695	17,543	17,065	25,758	....	13,839
21	....	....	....	R 3,963	5,171	11,336	11,280	....	19,736	25,198	....	19,396
22	....	....	....	2,983	....	11,584	10,895	....	22,916	26,287	24,785	20,685
23	....	....	....	3,064	....	14,165	8,019	21,013	22,621	....	28,946	7,453
24	....	....	....	....	5,523	14,452	....	22,183	15,676	....	16,221	Closed
25	....	....	....	....	R14,136	10,192	....	20,003	....	24,731	Closed	....
26	....	....	....	3,049	12,840	....	8,774	21,459	....	R36,677	11,207	....
27	....	....	....	R 3,978	10,527	....	10,035	16,830	10,299	27,947	....	13,846
28	....	....	....	R 4,151	7,776	9,811	13,229	....	18,225	22,604	....	15,966
29	....	....	....	3,512	....	10,455	15,260	....	19,675	17,818	20,369	13,312
30	....	....	....	2,844	....	11,783	11,894	16,477	19,334	....	25,573	13,609
31	....	....	....	....	Closed	....	....	20,483	....	....	....	6,067
Total	....	....	....	27,544	123,097	261,282	236,825	373,646	408,085	490,697	515,625	498,731
Average	....	....	....	3,443	6,154	11,876	11,277	16,983	19,432	23,366	24,553	22,669

R—Single Day Record Total

RANDOM LENGTH LUMBER FUTURES DAILY VOLUME TOTALS DURING 1982 (All Delivery Months)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Closed	943	2,019	1,076	....	2,335	1,703	....	1,544	1,468	3,054	1,959
2	....	2,601	2,373	688	....	2,669	923	1,087	1,092	....	2,256	1,596
3	....	1,788	1,769	....	1,147	2,946	....	1,632	1,627	....	2,868	2,005
4	2,034	2,470	2,598	....	2,333	2,474	....	1,920	....	1,107	2,628	....
5	3,071	1,552	2,600	1,600	1,483	....	Closed	1,832	....	1,171	3,151	....
6	2,311	....	....	2,526	1,978	....	1,715	756	Closed	2,985	....	3,856
7	2,936	....	....	1,863	2,794	1,878	1,067	....	1,743	3,361	....	2,942
8	1,931	2,424	2,092	1,334	....	1,404	1,392	....	1,877	2,479	2,356	2,213
9	....	1,720	1,611	Closed	....	2,092	3,122	1,450	1,190	....	2,973	2,543
10	....	1,246	2,001	....	1,688	2,600	....	1,173	2,813	....	2,711	2,622
11	2,717	1,217	2,416	....	2,018	2,929	....	975	....	2,976	2,366	....
12	3,489	3,111	2,170	1,536	3,494	....	2,687	651	....	2,336	2,984	....
13	2,292	....	....	1,629	3,414	....	1,819	1,545	1,256	3,170	....	2,413
14	2,767	....	....	2,234	2,628	2,013	1,441	....	1,350	2,862	....	4,430
15	2,560	Closed	1,566	1,223	....	2,426	1,340	....	1,767	1,713	2,818	2,538
16	....	3,259	2,038	2,147	....	1,724	1,761	1,308	976	....	2,298	1,519
17	....	3,268	2,959	....	1,528	3,690	....	1,246	1,003	....	2,350	2,471
18	2,393	2,846	1,954	....	1,381	2,087	....	760	....	1,519	2,562	....
19	1,528	2,764	1,230	2,426	1,921	....	1,464	3,173	....	2,733	2,262	....
20	1,946	....	....	2,027	2,584	....	2,467	2,419	1,807	2,680	....	1,655
21	2,759	....	....	2,463	1,593	3,854	1,751	....	1,138	2,904	....	767
22	3,789	2,655	1,572	1,770	....	1,913	1,126	....	2,093	1,598	2,001	1,508
23	....	2,919	1,883	3,027	....	1,651	1,041	2,391	1,000	....	1,874	1,309
24	....	3,979	1,076	....	1,213	1,622	....	2,672	896	....	1,408	Closed
25	2,301	1,548	1,863	....	1,392	1,494	....	1,863	....	2,397	Closed	....
26	2,501	2,883	2,741	2,738	3,278	....	1,955	1,850	....	1,889	1,905	....
27	2,455	....	....	2,505	1,630	....	1,371	1,856	487	1,390	....	1,482
28	2,432	....	....	3,203	1,430	1,210	1,289	....	1,020	2,155	....	1,394
29	3,056	....	1,597	3,246	....	1,011	2,045	....	1,603	2,868	2,214	1,429
30	....	....	1,579	5,699	....	1,490	1,045	1,272	1,553	....	2,007	1,306
31	....	....	1,010	....	Closed	....	....	1,601	....	....	....	520
Total	51,268	45,193	44,717	44,116	40,828	47,512	34,524	35,432	29,835	47,761	51,046	44,387
Average	2,563	2,379	1,944	2,100	2,041	2,159	1,644	1,610	1,420	2,274	2,430	2,017

R—Single Day Record Total

INDEX AND OPTION MARKET DAILY OPEN INTEREST TOTALS DURING 1982 (All I.O.M. Contracts)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Closed	9,394	8,937	7,074	....	13,830	15,511	....	20,029	19,666	21,523	R27,496
2	....	9,596	8,654	7,152	....	13,775	15,722	19,246	20,264	....	22,011	27,102
3	....	9,708	8,587	....	9,380	13,410	....	19,681	19,983	....	R23,888	27,021
4	8,930	9,533	8,339	....	9,468	13,628	....	20,575	....	20,226	23,076	....
5	8,771	9,521	8,195	7,021	9,673	....	Closed	20,730	....	20,006	23,080	....
6	8,863	....	....	7,018	10,538	....	15,935	20,783	Closed	19,617	....	26,237
7	8,775	....	....	7,166	10,746	R14,974	16,081	....	20,159	18,214	....	26,264
8	8,805	9,405	8,198	7,121	....	R15,089	16,070	....	19,447	18,388	23,721	25,832
9	....	9,417	8,049	Closed	....	R16,560	16,353	20,151	20,303	....	R24,263	26,547
10	....	9,481	7,876	....	11,014	R16,758	....	20,604	19,545	....	R24,279	25,883
11	9,022	9,474	7,930	....	11,529	16,279	....	20,345	....	19,913	R25,738	....
12	8,903	9,386	7,715	7,195	11,236	....	R17,423	20,153	....	19,939	23,855	....
13	9,033	....	....	7,266	11,300	....	R17,659	19,701	18,846	21,156	....	25,696
14	9,031	....	....	7,290	10,885	16,476	R17,743	....	18,331	20,810	....	26,284
15	8,730	Closed	7,526	7,266	....	16,028	17,667	....	17,843	21,093	23,906	26,299
16	....	9,459	7,586	7,544	....	16,590	R17,892	19,827	18,567	....	24,879	25,183
17	....	9,546	7,187	....	11,073	15,834	....	20,650	16,985	....	24,959	20,733
18	9,082	9,674	7,109	....	11,742	15,124	....	20,539	....	R21,698	24,987	....
19	9,090	9,643	6,961	7,823	11,925	....	R18,771	19,489	....	R21,713	24,986	....
20	9,069	....	....	7,820	13,463	....	R18,964	19,448	17,576	R22,110	....	20,117
21	9,348	....	....	8,247	13,408	15,607	R19,162	....	17,204	R22,725	....	20,932
22	9,551	9,503	7,031	8,548	....	15,502	19,191	....	17,374	22,324	R26,060	21,263
23	....	9,442	7,041	8,812	....	14,792	R20,218	20,155	17,719	....	R26,341	21,454
24	....	9,362	7,063	....	13,524	13,965	....	20,709	17,469	....	26,278	Closed
25	9,398	9,248	7,108	....	14,065	13,970	....	20,495	....	22,435	Closed	....
26	9,444	8,982	6,851	9,030	14,539	....	19,879	19,642	....	21,988	26,161	....
27	9,424	....	....	9,080	13,157	....	20,027	19,659	17,569	20,588	....	21,591
28	9,573	....	....	9,503	13,358	13,975	R21,590	....	17,700	20,531	....	21,122
29	9,328	....	6,874	9,235	....	14,122	20,154	....	18,410	20,907	R26,569	20,915
30	....	....	6,968	9,073	....	15,251	20,111	19,702	18,989	....	R27,091	21,366
31	....	....	6,990	....	Closed	....	....	19,629	....	....	....	21,596
Average	9,109	9,462	7,468	7,917	11,801	15,070	18,196	20,087	18,582	20,764	24,650	23,952

R—Single Day Recrod Total
Note: I.O.M. division in effect as of Apr. 21, 1982; Totals shown prior to that date are Lumber futures only

STANDARD AND POOR'S 500 STOCK INDEX FUTURES DAILY OPEN INTEREST TOTALS DURING 1982 (All Delivery Months)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	....	....	....	....	7,586	9,879	....	14,134	13,581	12,854	R16,811
2	....	....	....	....	....	7,596	10,173	14,512	14,359	....	13,095	16,192
3	....	....	....	....	R 1,987	7,312	....	14,745	13,935	....	14,927	16,040
4	....	....	....	....	R 2,013	7,524	....	15,625	....	14,214	14,008	....
5	....	....	....	....	R 2,170	....	Closed	15,861	....	13,889	13,864	....
6	....	....	....	....	R 2,809	....	10,393	15,890	Closed	13,646	....	15,475
7	....	....	....	....	R 2,896	R 8,971	R10,608	....	14,297	12,010	....	15,571
8	....	....	....	....	....	R 9,157	10,577	....	13,683	12,044	14,252	15,050
9	....	....	....	....	....	R10,417	R11,166	15,275	14,431	....	14,652	15,921
10	....	....	....	....	R 3,464	10,373	....	15,752	13,708	....	14,719	15,502
11	....	....	....	....	R 4,053	9,977	....	15,611	....	13,008	16,048	....
12	....	....	....	....	3,859	....	R12,093	15,413	....	12,768	14,224	....
13	....	....	....	....	R 4,174	....	R12,378	14,804	13,181	13,237	....	15,253
14	....	....	....	....	3,985	10,150	R12,568	....	12,848	12,853	....	16,191
15	....	....	....	....	....	9,661	12,529	....	12,537	13,101	14,493	16,099
16	....	....	....	....	....	10,157	R12,845	14,866	13,203	....	15,434	15,037
17	....	....	....	....	R 4,278	9,233	....	15,565	11,550	....	15,113	10,549
18	....	....	....	....	R 5,016	8,655	....	15,254	....	13,492	15,060	....
19	....	....	....	....	R 5,379	....	R13,722	14,169	....	13,159	14,857	....
20	....	....	....	....	R 6,747	....	R14,084	13,823	11,881	13,363	....	10,036
21	....	....	....	R 516	6,645	9,071	R14,199	....	11,412	13,899	....	10,829
22	....	....	....	R 873	....	9,364	14,118	....	11,370	13,522	15,873	11,051
23	....	....	....	R 1,134	....	8,761	14,961	14,296	11,757	....	16,104	11,193
24	....	....	....	....	R 6,894	8,055	....	14,614	11,500	....	16,019	Closed
25	....	....	....	....	R 7,488	8,328	....	14,471	....	14,020	Closed	....
26	....	....	....	R 1,304	R 7,881	....	14,752	13,749	....	13,620	15,800	....
27	....	....	....	R 1,401	6,531	....	14,868	13,790	11,581	12,344	....	11,363
28	....	....	....	R 1,597	6,780	8,253	R16,745	....	11,569	12,144	....	11,139
29	....	....	....	1,492	....	8,419	15,472	....	12,217	12,625	16,189	10,914
30	....	....	....	R 1,613	....	9,603	15,482	14,006	12,901	....	16,601	11,460
31	....	....	....	....	Closed	....	....	13,840	....	....	....	11,681
Average	....	....	....	1,241	4,752	8,937	13,029	14,815	14,815	13,169	14,961	13,607

R—Single Day Record Total

RANDOM LENGTH LUMBER FUTURES DAILY OPEN INTEREST TOTALS DURING 1982 (All Delivery Months)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Closed	9,394	8,937	7,047	. . . .	6,244	5,632	. . . .	5,895	6,085	8,669	10,685
2	. . . .	9,596	8,654	7,152	. . . .	6,179	5,549	4,734	5,905	. . . .	8,916	10,910
3	. . . .	9,708	8,587	. . . .	7,393	6,098	. . . .	4,936	6,048	. . . .	8,961	10,981
4	8,930	9,533	8,339	. . . .	7,455	6,104	. . . .	4,950	. . . .	6,012	9,068	. . . .
5	8,771	9,521	8,195	7,021	7,503	. . . .	Closed	4,869	. . . .	6,117	9,216	. . . .
6	8,863	. . . .	. . . .	7,018	7,729	. . . .	5,542	4,893	Closed	5,971	. . . .	10,762
7	8,775	. . . .	. . . .	7,166	7,850	6,003	5,473	. . . .	5,862	6,204	. . . .	10,693
8	8,805	9,405	8,198	7,121	. . . .	5,932	5,493	. . . .	5,764	6,344	9,469	10,782
9	. . . .	9,417	8,049	Closed	. . . .	6,143	5,187	4,876	5,872	. . . .	9,611	10,626
10	. . . .	9,481	7,876	. . . .	7,550	6,385	. . . .	4,852	5,837	. . . .	9,560	10,381
11	9,022	9,474	7,930	. . . .	7,476	6,302	. . . .	4,734	. . . .	6,905	9,690	. . . .
12	8,903	9,386	7,715	7,195	7,377	. . . .	5,330	4,470	. . . .	7,171	9,631	. . . .
13	9,033	. . . .	. . . .	7,266	7,126	. . . .	5,281	4,897	5,665	7,919	. . . .	10,443
14	9,031	. . . .	. . . .	7,290	6,900	6,326	5,175	. . . .	5,483	7,957	. . . .	10,093
15	8,730	Closed	7,526	7,266	. . . .	6,367	5,138	. . . .	5,306	7,992	9,413	10,200
16	. . . .	9,459	7,586	7,544	. . . .	6,433	5,048	4,961	5,364	. . . .	9,445	10,146
17	. . . .	9,546	7,187	. . . .	6,795	6,601	. . . .	5,085	5,435	. . . .	9,846	10,184
18	9,082	9,674	7,109	. . . .	6,726	6,469	. . . .	5,285	. . . .	8,206	9,927	. . . .
19	9,090	9,643	6,961	7,823	6,546	. . . .	5,049	5,320	. . . .	8,554	10,129	. . . .
20	9,069	. . . .	. . . .	7,820	6,716	. . . .	4,880	5,625	5,695	8,747	. . . .	10,081
21	9,348	. . . .	. . . .	7,731	6,763	6,536	4,963	. . . .	5,792	8,826	. . . .	10,103
22	9,551	9,503	7,031	7,675	. . . .	6,138	5,033	. . . .	6,004	8,802	10,187	10,212
23	. . . .	9,442	7,041	7,678	. . . .	6,031	5,257	5,859	5,962	. . . .	10,237	10,261
24	. . . .	9,362	7,063	. . . .	6,630	5,910	. . . .	6,095	5,969	. . . .	10,259	Closed
25	9,398	9,248	7,108	. . . .	6,577	5,642	. . . .	6,024	. . . .	8,415	Closed	. . . .
26	9,444	8,982	6,851	7,726	6,649	. . . .	5,127	5,893	. . . .	8,368	10,361	. . . .
27	9,424	. . . .	. . . .	7,679	6,626	. . . .	5,159	5,869	5,988	8,244	. . . .	10,228
28	9,573	. . . .	. . . .	7,906	6,578	5,722	4,845	. . . .	6,131	8,387	. . . .	9,983
29	9,328	. . . .	6,874	7,743	. . . .	5,703	4,682	. . . .	6,093	8,282	10,380	10,001
30	. . . .	. . . .	6,968	7,460	. . . .	5,648	4,629	5,696	6,088	. . . .	10,490	9,906
31	. . . .	. . . .	6,990	. . . .	Closed	. . . .	. . . .	5,789	. . . .	. . . .	. . . .	9,915
Average	9,109	9,462	7,468	7,444	7,048	6,133	5,165	5,272	5,817	7,596	9,689	10,344

R—Single Day Record Total

I.O.M. MONTHLY TOTAL VOLUME (All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982......	—	—	—	71,660	163,925	308,794	271,349	409,078	437,920	538,458	566,671	543,118	3,452,151

S & P 500 FUTURES TRADING MONTHLY TOTAL VOLUME (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982......	—	—	—	27,544	123,097	261,282	236,825	373,646	408,085	490,085	515,625	498,731	2,935,532

RANDOM LENGTH LUMBER FUTURES TRADING MONTHY TOTAL VOLUME (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1969......	—	—	—	—	—	—	—	—	—	416	218	110	744
1970......	367	283	817	528	519	403	411	18,240	21,613	13,300	12,187	16,845	85,513
1971......	13,653	9,563	7,633	4,628	7,421	7,358	6,926	10,202	9,293	6,472	7,455	9,544	100,148
1972......	3,814	3,082	3,486	2,628	1,722	4,714	4,963	5,780	5,964	9,485	11,093	9,808	66,539
1973......	10,380	12,185	10,657	9,881	17,107	12,173	16,933	20,367	20,006	23,104	22,142	19,857	194,792
1974......	18,502	17,909	24,242	25,152	22,483	19,059	20,776	15,222	20,178	26,142	16,324	12,438	238,427
1975......	21,687	16,222	20,220	26,911	27,985	22,751	23,376	19,759	16,799	19,169	17,588	23,785	256,252
1976......	26,666	24,460	33,325	32,048	26,327	30,833	29,689	27,545	32,738	28,202	29,061	29,636	350,530
1977......	36,207	32,311	43,492	34,860	37,363	37,118	31,267	58,502	38,980	48,104	45,900	42,587	486,691
1978......	47,910	43,703	46,876	43,759	42,578	36,330	38,252	46,138	49,347	55,495	54,371	55,739	560,498
1979......	60,964	57,594	52,316	43,097	46,530	50,265	44,093	62,923	56,421	71,518	63,777	39,980	649,478
1980......	59,063	61,288	73,412	86,057	80,196	68,528	76,296	65,740	73,660	76,984	59,076	58,376	838,676
1981......	51,173	45,937	54,295	60,517	51,007	58,879	49,427	49,428	45,592	57,021	55,044	51,614	635,934
1982......	51,268	45,193	44,717	44,116	40,828	47,512	34,524	35,432	29,835	47,761	51,046	44,387	516,619

I.O.M. MONTHLY TOTAL VOLUME HIGH (One Day Total, All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	7,354	16,118	18,996	18,516	25,593	26,577	38,566	35,739	43,720	43,720

S & P 500 STOCK INDEX FUTURES MONTHLY VOLUME HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	4,151	14,136	16,904	15,394	23,458	25,227	36,677	33,111	41,761	41,761

RANDOM LENGTH LUMBER FUTURES MONTHLY VOLUME HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1970	35	38	115	80	86	45	44	5,682	3,836	1,915	1,862	2,943	5,682
1971	3,963	1,428	1,371	389	929	803	948	1,108	1,227	1,532	1,285	1,751	3,963
1972	578	325	515	501	193	554	640	480	893	965	1,096	1,758	1,758
1973	1,110	1,057	848	762	1,579	1,021	1,679	1,288	1,642	1,819	2,125	1,750	2,125
1974	1,711	1,679	1,755	1,668	1,623	1,673	1,564	1,332	1,774	2,112	1,343	1,159	2,112
1975	1,513	1,343	1,672	1,669	2,047	1,868	1,823	1,534	1,457	1,645	1,562	1,738	2,047
1976	1,700	2,190	2,235	2,278	2,028	2,159	3,241	2,082	2,658	2,403	2,604	2,110	3,241
1977	2,624	2,611	3,729	2,392	2,978	2,680	3,318	3,536	2,836	3,696	3,252	3,133	3,729
1978	3,597	4,063	3,153	3,509	2,550	2,696	3,390	3,236	3,474	3,603	4,048	3,958	4,063
1979	4,075	4,785	3,506	3,798	3,494	3,973	3,317	4,231	5,904	5,950	5,497	3,413	5,950
1980	4,697	6,295	4,471	6,878	5,379	4,570	5,366	5,660	5,024	5,516	5,950	4,289	6,878
1981	4,419	3,456	3,610	4,139	4,731	3,778	2,803	3,300	3,025	3,352	3,896	3,818	4,731
1982	3,789	3,979	2,959	3,246	3,494	3,854	3,122	3,173	2,813	3,361	3,151	4,340	4,340

Section Four

CASH MARKETS

I.O.M. MONTH-END OPEN INTEREST (All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982......	—	—	—	9,073	13,358	15,251	20,111	19,629	18,989	20,907	27,091	21,596

S & P 500 FUTURES MONTH-END OPEN INTEREST (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982......	—	—	—	1,613	6,780	9,603	15,482	13,840	12,901	12,625	16,601	11,681

RANDOM LENGTH LUMBER FUTURES MONTH-END OPEN INTEREST (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1969......	—	—	—	—	—	—	—	—	—	277	369	404
1970......	526	536	439	404	313	336	305	3,147	4,325	3,490	4,770	6,748
1971......	1,890	2,248	2,220	2,523	2,573	2,581	3,145	2,637	2,243	2,396	2,823	2,861
1972......	1,844	1,936	2,243	1,892	1,479	2,048	1,854	1,576	1,971	2,424	2,525	2,922
1973......	1,500	2,082	1,963	2,164	2,304	2,420	3,192	3,294	3,894	4,332	3,884	4,838
1974......	3,334	3,972	3,328	2,943	3,234	3,045	3,374	3,547	3,344	3,798	3,511	3,030
1975......	3,585	3,050	3,418	4,078	3,523	4,204	3,936	3,866	3,022	3,594	3,833	3,992
1976......	4,076	5,232	5,029	5,101	4,658	6,437	5,101	5,028	4,582	4,660	6,369	6,852
1977......	6,052	6,266	6,935	7,157	6,588	8,053	6,823	6,707	6,582	6,001	6,468	8,193
1978......	7,523	8,770	8,202	8,390	9,233	8,362	7,730	8,078	7,551	7,365	6,547	8,122
1979......	8,420	9,059	7,851	7,127	8,055	7,380	8,901	11,039	10,426	10,664	10,125	10,260
1980......	10,828	10,587	9,948	10,130	11,452	11,736	12,461	11,644	13,734	14,251	12,829	9,338
1981......	8,882	9,053	8,029	8,102	7,639	8,161	8,554	7,586	7,699	8,809	8,808	9,067
1982......	9,328	8,982	6,990	7,460	6,578	5,648	4,629	5,789	6,088	8,282	10,490	9,915

I.O.M. MONTHLY OPEN INTEREST HIGH (One Day Total, All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982......	—	—	—	9,503	14,539	16,758	21,590	20,783	20,303	22,725	27,091	27,496	27,496

S & P 500 STOCK INDEX FUTURES MONTHLY OPEN INTEREST HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982......	—	—	—	1,613	7,881	10,417	16,745	15,890	14,431	14,214	16,601	16,811	16,811

RANDOM LENGTH LUMBER FUTURES MONTHLY OPEN INTEREST HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1977......	7,043	6,520	7,104	7,675	7,194	8,072	8,245	6,264	6,864	7,353	6,468	8,269	8,269
1978......	8,367	9,803	8,888	9,263	9,371	9,309	8,339	8,992	8,095	8,278	7,262	8,458	9,371
1979......	8,420	8,787	9,164	8,306	6,055	8,478	8,901	11,227	11,145	11,443	11,433	10,547	11,443
1980......	10,830	12,806	10,980	10,301	11,990	11,866	12,461	14,136	14,012	14,841	14,056	12,525	14,841
1981......	9,501	9,755	8,852	8,763	8,231	8,906	8,594	8,673	8,240	8,896	8,808	9,219	9,755
1982......	9,573	9,708	8,937	7,906	7,850	6,601	5,632	6,095	6,131	8,826	10,490	10,981	10,981

S & P 500 STOCK INDEX FUTURES CONTRACTS DELIVERED ON THE I.O.M. VIA CASH SETTLEMENT

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982......	—	—	—	—	—	539	—	—	1,172	—	—	2,837	4,548

RANDOM LENGTH LUMBER FUTURES CONTRACTS DELIVERED ON THE I.O.M. (C.M.E./A.M.M. prior to Apr 1982)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1970......	—	—	13	—	—	—	17	—	—	—	11	—	41
1971......	2	—	11	—	14	—	37	—	71	—	11	—	146
1972......	18	—	15	—	21	—	28	—	64	—	54	—	200
1973......	61	—	67	—	48	—	34	—	125	—	65	—	400
1974......	38	—	44	—	24	—	32	—	51	—	39	—	228
1975......	41	—	14	—	54	—	132	—	42	—	22	—	305
1976......	104	—	49	—	51	—	51	—	25	—	23	—	303
1977......	72	—	12	—	56	—	126	—	20	—	30	—	316
1978......	34	—	19	—	40	—	68	—	60	—	15	—	236
1979......	57	—	12	—	17	—	56	—	32	—	14	—	188
1980......	22	—	41	—	44	—	18	—	22	—	39	—	186
1981......	62	—	27	—	105	—	44	—	60	—	1	—	299
1982......	53	—	3	—	211	—	117	—	43	—	323	—	750

CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	47720	53010	57100	....	41650	47900	....	82830	65000	73530	107850
2	....	45020	63800	59800	....	49220	43760	53460	74740	....	104770	77600
3	....	49560	70230	....	46490	48450	....	60480	130910	....	137010	71540
4	36760	53300	74340	....	58720	44110	....	53440	....	55650	149350	....
5	47510	53350	67440	46900	58860	....	Holiday	54700	....	69770	96550	....
6	51510	....	....	43200	67540	....	44350	48660	Holiday	93570	....	83880
7	43410	....	....	53130	67130	44630	46920	....	68960	147070	....	111620
8	42050	48500	67330	60190	....	46820	63270	....	77960	122250	75240	97430
9	....	54420	76060	Holiday	....	55770	65870	54560	73090	....	111220	90320
10	....	46620	59440	....	46300	50950	....	52680	71080	....	113240	86430
11	51900	46730	52960	....	54680	68610	....	49040	....	138530	78410	....
12	49800	37070	49600	46520	59210	....	74690	50080	....	126310	95080	....
13	49130	....	....	48660	58230	....	66170	44720	59520	139800	....	63140
14	42940	....	....	45150	49900	40100	58160	....	83070	107530	....	98380
15	43310	Holiday	43370	45700	....	44970	61090	....	69680	80290	78900	81030
16	....	48880	50240	55890	....	56280	58740	55420	78900	....	102910	73680
17	....	47660	48900	....	45600	49230	....	92860	63950	....	84440	76010
18	44920	60810	54270	....	48970	53800	....	132690	....	83790	77620	....
19	45700	51360	46250	58470	48840	....	53030	78270	....	100850	70310	....
20	48860	....	....	54610	48330	....	61060	95890	58520	98680	....	62210
21	48610	....	....	57820	45260	50370	66770	....	82920	122460	....	78010
22	44370	58310	57610	64470	....	55290	53870	....	113150	101120	74960	83470
23	....	60100	67130	71840	....	62710	47280	110310	68260	....	72920	62880
24	....	64800	49380	....	38510	55860	....	121650	54600	....	67220	Holiday
25	43170	54160	51970	....	44010	38740	....	106200	....	83720	Holiday	....
26	52440	43840	42400	60500	51250	....	37740	137330	....	102080	38810	....
27	50060	....	....	56480	44730	....	45740	74410	44840	81670	....	64690
28	66690	....	....	50630	43900	40700	53830	....	65900	73590	....	58610
29	73400	....	37100	51330	....	46990	55680	....	62550	74830	61080	54810
30	....	....	43900	48200	....	65280	39270	59560	62610	....	93470	56380
31	....	....	43300	....	Holiday	....	....	86360	....	....	....	42110

CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	54880	48360	62170	49080	....	45110	41600	....	53980
2	28870	44070	47710	52570	....	53930	45100	....	37570	54540	65100	44510
3	....	45950	48730	48680	....	54700	Holiday	39650	41730	....	54620	43770
4	....	45520	47260	....	40430	48940	....	39460	42760	....	53450	55040
5	58710	45320	45380	....	49000	47180	....	54290	....	51290	50860	....
6	67400	45820	43940	43190	47100	....	44590	52070	....	45800	43270	....
7	92890	....	....	44540	42590	....	53560	38370	Holiday	50030	....	45720
8	55530	....	....	48000	41860	41580	46000	....	47340	47090	....	45140
9	50190	38330	46180	59520	....	44600	45510	....	44290	50060	48310	44810
10	....	40820	56610	58130	....	53200	39950	38370	47430	....	53940	47020
11	....	37770	47390	....	37640	59530	....	52600	42170	....	41920	45850
12	48760	34700	54640	....	40440	60790	....	53650	....	30030	55720	....
13	40890	33360	68290	49860	42600	....	38100	42460	....	43070	45550	....
14	41390	....	....	48350	42750	....	45230	42580	34040	40260	....	44740
15	39640	....	....	56040	45460	63350	48950	....	38580	42830	....	44130
16	43260	Holiday	49940	52950	....	57780	39010	....	43660	37800	43740	42370
17	....	47940	65920	Holiday	....	55470	42780	40840	48300	....	43190	47230
18	....	40410	55740	....	42510	48400	....	47270	47350	....	49980	50940
19	36470	41630	62440	....	42220	46430	....	39390	....	41590	48890	....
20	41750	41900	61980	51020	42370	....	40240	38270	....	51530	52010	....
21	39190	....	....	60280	46820	....	47280	37670	44570	48820	....	41290
22	39880	....	....	60660	40710	41790	47500	....	46830	40630	....	48320
23	37220	39590	57880	64200	....	51840	41790	....	52700	41990	45250	42910
24	....	43960	66400	60000	....	46650	38880	46750	48880	....	53200	23940
25	....	45710	56320	....	Holiday	43920	....	54600	54390	....	58570	Holiday
26	35380	60300	60370	....	42760	39240	....	39980	....	38210	Holiday	....
27	42260	53210	46930	51080	58730	....	39610	43900	....	53030	32770	....
28	36690	....	....	58210	59500	....	38160	38020	61320	48100	....	28320
29	38170	....	....	53340	51580	37930	37610	....	49800	40070	....	35300
30	41160	....	33500	47970	....	41550	41560	....	40700	59570	47580	42960
31	....	....	50980	....	....	....	43480	40360	....	....	....	40780

CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	46610	....	32230	32480	....	34340	46440	Holiday	48720	....	48180
2	40610	....	....	35210	28040	32710	42950	....	35290	46160	....	52340
3	50480	....	38690	27970	....	33150	47230	....	52370	47510	35820	43430
4	39130	43070	44310	Holiday	....	44180	Holiday	41550	59030	....	Holiday	51170
5	....	41880	49240	....	34090	49070	....	45510	37990	....	24080	51990
6	....	51950	49610	....	40160	37230	....	45050	....	50130	48890	....
7	44500	57690	50950	29130	42600	....	42540	61820	....	50310	40070	....
8	53390	57860	....	31700	39280	....	45830	58860	42050	46580	....	53390
9	65260	...	....	33020	30280	36820	52010	....	44460	43980	....	53220
10	55980	....	43750	33940	....	42030	43730	....	51430	44040	35720	49860
11	52890	58660	41350	29960	....	43800	38310	44690	44770	....	41520	60220
12	....	48090	37990	....	28220	47300	....	52050	47180	....	58500	39530
13	....	65230	33070	....	35460	41880	....	44350	....	31360	69340	....
14	52930	50540	35180	23060	40840	....	45500	47700	....	48830	71630	....
15	52320	46680	....	26670	41120	....	60920	47780	44630	48260	....	39700
16	67700	....	....	39730	31710	36190	49140	....	57290	65450	....	41630
17	54120	....	65920	32770	....	41990	48850	....	63990	43920	50260	50800
18	47150	Holiday	47340	26880	....	41960	58040	41890	63390	....	70380	69570
19	....	39480	36520	....	30970	38280	....	41930	53780	....	69230	50770
20	....	44340	32580	....	31800	36530	....	42560	....	40910	60180	....
21	48040	51530	35840	24560	34830	....	42750	50770	....	51220	55950	....
22	50620	48210	....	47920	41040	....	52230	58210	53140	43060	....	51950
23	50730	....	....	42620	45790	34180	45890	....	64390	49200	....	55260
24	59070	....	39230	35790	....	37730	42420	....	56860	41050	51120	29490
25	47100	39140	43790	28590	....	46500	36250	35400	49510	....	55840	Holiday
26	....	40000	37375	....	Holiday	52780	....	41700	49460	....	55340	16130
27	....	46430	63680	....	40810	33110	....	44000	....	34430	Holiday	....
28	53620	40330	46720	30600	38580	....	35330	39890	....	40300	34240	....
29	55480	38810	....	27940	42000	....	44840	33510	46410	37200	....	36060
30	51170	....	....	30850	34820	29910	58060	....	40290	39060	....	39750
31	65900	....	35840	....	....	....	54610	....	....	40110	....	41210

CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	27930	23830	....	31040	24560	....	36570	....	24980	25880	....
2	18340	25350	23130	28990	30510	....	32060	37720	....	38310	23670	....
3	29180	....	....	33530	30870	....	31670	28160	Holiday	36470	....	29030
4	33290	....	....	41940	30630	24040	Holiday	....	37490	38800	....	33510
5	28890	26490	25690	34520	....	35050	30290	....	41650	48250	20470	39300
6	....	23570	24490	34710	....	39830	38570	27190	30330	....	21960	37510
7	....	28450	28930	....	30480	43380	....	45410	34360	....	30830	42370
8	21440	23360	32000	....	32720	31470	....	44970	....	32610	26270	....
9	27200	24320	33410	27230	27670	....	42460	34630	....	55560	30060	....
10	24990	....	....	31900	25230	....	39730	36740	32980	55560	....	32270
11	24580	....	....	32900	24010	28270	36650	....	42530	47530	....	36160
12	37120	20610	25740	26780	....	45450	31780	....	39350	36390	26640	34630
13	....	28470	31170	Holiday	....	40740	33080	41980	35240	....	29240	36690
14	....	27220	24630	....	22450	37850	....	40910	41980	....	30970	41800
15	27520	22550	29370	....	26190	32930	....	46130	....	34850	32380	....
16	30340	21110	31770	28050	28350	....	26620	47000	....	33770	30060	....
17	25310	....	....	29260	30550	....	34270	31630	37610	29650	....	43830
18	27260	....	....	29510	26590	30970	35950	....	38750	29590	....	43310
19	26800	Holiday	34620	31150	....	30780	26780	....	35370	42430	33090	41780
20	....	22010	27180	28830	....	33790	26360	32300	45100	....	35010	40380
21	....	26050	31120	....	25550	36490	....	38860	52380	....	37020	36160
22	24390	26290	34380	....	30400	36410	....	38450	....	45250	Holiday	....
23	30130	22750	33570	25610	30390	....	26860	35710	....	32910	23300	....
24	31730	....	....	35540	25710	....	29690	32730	33790	31480	....	19150
25	31440	....	....	31750	27810	31330	34890	....	32410	28440	....	Holiday
26	34230	22620	23430	32400	....	34680	32270	....	37700	29660	47940	25040
27	....	31470	32940	29610	....	36720	27760	32050	33110	....	45140	31410
28	....	25090	39920	....	Holiday	38470	....	29430	35950	....	39690	34430
29	24170	....	28510	....	27040	34690	....	30810	....	22720	33550	....
30	26910	....	29970	26440	29250	....	28640	29300	....	28890	30480	....
31	30330	....	....	....	30300	....	34360	26370	....	27780	....	31530

CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	22240	21010	....	37020	28750	....	34810	35070	....	50450	26830
2	Holiday	23050	20280	....	41400	31860	....	47470	....	18700	41030	....
3	17720	19400	20120	20230	37560	....	11560	65400	....	22540	25990	....
4	24090	....	....	20130	37520	....	Holiday	37910	Holiday	25090	....	22020
5	23570	....	....	27260	42680	39580	23740	....	32170	27820	....	25670
6	26150	11630	17230	27360	....	51970	24990	....	42600	27380	20450	29680
7	....	14730	19900	25160	....	33060	23480	33350	40310	....	25320	21170
8	....	21300	22030	....	34680	39380	....	34290	42170	....	23560	18560
9	27990	17940	21820	....	30860	32470	....	48800	....	19720	23320	....
10	25180	19480	27090	25740	33330	....	22470	39760	....	25470	16750	....
11	22880	....	....	24300	36630	....	27470	33550	39670	21740	....	21000
12	22730	....	....	26210	46600	29440	26640	....	34400	30170	....	22210
13	18010	16810	24070	31580	....	30760	23620	....	43340	21920	20960	22480
14	....	20470	24300	52280	....	37290	28370	32320	37400	....	30610	20840
15	....	20170	23340	....	33890	29280	....	29760	37290	....	26280	23620
16	18760	21570	25400	....	48170	27690	....	36120	....	24600	21340	....
17	19360	18500	28470	63500	45490	....	29180	45270	....	37870	25170	....
18	21390	....	....	38950	42270	....	22860	34650	35860	32940	....	32900
19	21500	....	....	35060	34360	25500	30850	....	31660	35850	....	25960
20	7580	Holiday	28360	43230	....	27920	33340	....	35080	43670	24440	26520
21	....	21890	24410	31540	....	29100	26060	29450	33640	....	20750	28670
22	....	18450	21950	....	28680	27160	....	29620	27960	....	20010	23790
23	19380	18720	21290	....	33230	28530	....	39630	....	36090	Holiday	....
24	18690	22510	Holiday	34510	31450	....	23280	38500	....	28880	14590	....
25	18690	....	....	55800	28410	....	25400	36190	20970	31380	....	Holiday
26	19600	....	....	44430	21410	29250	36830	....	26330	31990	....	21470
27	17600	19990	18870	35470	....	29280	33970	....	28370	39660	19790	23580
28	....	19750	21600	32850	....	23260	33390	31760	24330	....	22740	25440
29	....	....	25450	....	Holiday	21660	....	33780	23610	....	21160	30030
30	17400	....	20460	....	21040	18110	....	37750	....	59480	19900	....
31	19870	....	20130	....	29070	....	33990	33850	....	42880	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

(HIGH and LOW Based on Computation of the Index Once a Minute during Trading, Using 500 Current Stock Prices)

	JANUARY			FEBRUARY			MARCH		
DATE	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**
1	....	....	....	....	....	....	....	....	....
2	....	....	....	....	....	....	....	....	....
3	....	....	....	....	....	....	....	....	....
4	....	....	....	....	....	....	....	....	....
5	....	....	....	....	....	....	....	....	....
6	....	....	....	....	....	....	....	....	....
7	....	....	....	....	....	....	....	....	....
8	....	....	....	....	....	....	....	....	....
9	....	....	....	....	....	....	....	....	....
10	....	....	....	....	....	....	....	....	....
11	....	....	....	....	....	....	....	....	....
12	....	....	....	....	....	....	....	....	....
13	....	....	....	....	....	....	....	....	....
14	....	....	....	....	....	....	....	....	....
15	....	....	....	....	....	....	....	....	....
16	....	....	....	....	....	....	....	....	....
17	....	....	....	....	....	....	....	....	....
18	....	....	....	....	....	....	....	....	....
19	....	....	....	....	....	....	....	....	....
20	....	....	....	....	....	....	....	....	....
21	....	....	....	....	....	....	....	....	....
22	....	....	....	....	....	....	....	....	....
23	....	....	....	....	....	....	....	....	....
24	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	....	....	....	....
26	....	....	....	....	....	....	....	....	....
27	....	....	....	....	....	....	....	....	....
28	....	....	....	....	....	....	....	....	....
29	....	....	....	....	....	....	....	....	....
30	....	....	....	....	....	....	....	....	....
31	....	....	....	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

(HIGH and LOW Based on Computation of the Index Once a Minute during Trading, Using 500 Current Stock Prices)

	APRIL			MAY			JUNE		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	....	....	....	112.07	111.66	111.68
2	....	....	....	....	....	....	112.19	111.55	112.04
3	....	....	....	116.82	115.91	116.81	112.48	111.45	111.86
4	....	....	....	117.64	116.85	117.46	111.85	110.02	110.09
5	....	....	....	118.05	117.31	117.67	....	....	....
6	....	....	....	118.83	117.68	118.68	....	....	....
7	....	....	....	119.89	118.71	119.47	110.59	109.42	110.12
8	....	....	....	....	....	....	110.33	109.60	109.63
9	....	....	....	....	....	....	109.63	108.53	108.99
10	....	....	....	119.49	118.37	118.38	109.70	108.96	109.61
11	....	....	....	119.59	118.32	119.42	111.48	109.65	111.24
12	....	....	....	119.92	118.76	119.17	....	....	....
13	....	....	....	119.20	118.13	118.22	....	....	....
14	....	....	....	118.40	118.01	118.01	111.22	109.90	109.96
15	....	....	....	....	....	....	109.96	108.98	109.69
16	....	....	....	....	....	....	110.13	108.82	110.87
17	....	....	....	118.02	116.66	116.71	108.85	107.48	107.60
18	....	....	....	116.70	115.71	115.84	107.60	107.07	107.28
19	....	....	....	115.96	114.82	114.89	....	....	....
20	....	....	....	115.07	114.37	114.59	....	....	....
21	116.58	114.44	115.72	115.13	114.60	114.89	107.88	107.01	107.20
22	117.25	115.72	117.19	....	....	....	108.30	107.17	108.30
23	118.64	117.19	118.64	....	....	....	110.14	108.09	110.14
24	....	....	....	114.86	114.24	114.79	110.92	109.79	109.83
25	....	....	....	115.51	114.39	114.40	109.83	109.09	109.14
26	119.33	118.25	119.26	114.40	112.88	113.11	....	....	....
27	119.26	117.73	118.00	113.12	112.58	112.66	....	....	....
28	118.05	116.94	117.26	112.80	111.66	111.88	110.45	109.17	110.26
29	117.24	116.11	116.13	....	....	....	110.57	109.68	110.21
30	116.78	116.07	116.44	....	....	....	111.00	109.50	109.61
31	....	....	....	Holiday			....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

(HIGH and LOW Based on Computation of the Index Once a Minute during Trading, Using 500 Current Stock Prices)

	JULY			AUGUST			SEPTEMBER		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	109.63	108.62	108.71	....	....	....	120.05	117.98	118.25
2	108.71	107.60	107.65	109.09	107.11	108.98	120.32	117.84	120.28
3	....	....	....	109.43	107.81	107.83	123.64	120.31	122.68
4	....	....	....	107.83	106.11	106.14	....	....	....
5	Holiday			106.10	104.76	105.16	....	....	....
6	107.67	106.74	107.29	105.16	103.67	103.71	Holiday		
7	107.61	106.99	107.22	....	....	....	122.68	121.19	121.37
8	107.53	105.57	107.53	....	....	....	123.11	121.19	122.20
9	108.97	107.56	108.83	103.69	102.20	103.08	123.22	121.90	121.97
10	....	....	....	103.84	102.82	102.84	121.98	120.27	120.97
11	....	....	....	103.01	102.48	102.60	....	....	....
12	109.62	108.89	109.57	103.22	102.39	102.42	....	....	....
13	110.07	109.19	109.45	103.85	102.40	103.85	122.24	120.25	122.24
14	110.44	109.08	110.44	....	....	....	123.69	122.27	123.10
15	110.95	110.27	110.47	....	....	....	124.81	122.72	124.29
16	111.48	110.16	111.07	105.52	103.86	104.09	124.88	123.65	123.77
17	....	....	....	109.04	104.09	109.04	123.76	122.34	122.55
18	....	....	....	111.58	108.46	108.53	....	....	....
19	111.78	110.66	110.75	109.86	108.34	109.16	....	....	....
20	111.56	110.35	111.54	113.03	109.19	113.02	122.54	121.48	122.51
21	112.39	111.38	111.42	....	....	....	124.91	122.51	124.88
22	112.02	110.94	111.47	....	....	....	126.43	123.99	123.99
23	111.58	111.05	111.17	116.11	112.65	116.11	124.19	122.96	123.81
24	....	....	....	116.39	115.08	115.34	123.80	123.11	123.32
25	....	....	....	118.12	115.11	117.58	....	....	....
26	111.16	110.29	110.36	120.26	117.57	118.55	....	....	....
27	110.35	109.36	109.43	118.56	116.63	117.11	123.62	122.75	123.62
28	109.42	107.53	107.73	....	....	....	124.16	123.21	123.24
29	107.92	106.62	107.72	....	....	....	123.24	121.28	121.63
30	107.95	107.01	107.09	117.66	115.79	117.66	121.62	120.14	120.42
31	....	....	....	119.60	117.65	119.51	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

(HIGH and LOW Based on Computation of the Index Once a Minute during Trading, Using 500 Current Stock Prices)

	OCTOBER			NOVEMBER			DECEMBER		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	121.97	120.15	121.97	136.03	133.22	135.47	140.37	138.35	138.72
2	....	....	....	138.51	135.48	137.49	139.63	138.66	138.82
3	....	....	....	142.88	137.53	142.87	139.59	138.59	138.69
4	121.97	120.56	121.51	143.99	141.65	141.85	....	....	....
5	122.73	121.60	121.98	142.43	141.32	142.16	....	....	....
6	125.97	122.00	125.97	....	....	....	141.77	138.01	141.77
7	128.96	125.99	128.80	....	....	....	143.68	141.79	142.72
8	131.11	128.79	131.05	142.12	139.98	140.44	143.58	141.81	141.81
9	....	....	....	143.16	140.46	143.02	141.80	139.92	140.00
10	....	....	....	144.36	140.80	141.16	141.15	139.95	139.57
11	135.53	131.06	134.47	141.76	139.88	141.76	....	....	....
12	135.85	133.59	134.44	141.85	139.53	139.53	....	....	....
13	137.97	134.14	136.71	....	....	....	140.12	139.50	139.95
14	136.89	134.55	134.57	....	....	....	142.50	137.34	137.39
15	134.61	133.28	133.57	139.54	137.00	137.03	137.40	135.12	135.24
16	....	....	....	136.97	134.05	135.42	135.78	134.79	135.30
17	....	....	....	137.93	135.47	137.93	138.57	134.84	137.49
18	136.73	133.59	136.73	138.78	137.47	138.34	....	....	....
19	137.96	135.72	136.58	138.93	137.00	137.02	....	....	....
20	139.23	136.37	139.23	....	....	....	137.84	136.19	136.26
21	140.27	137.63	139.06	....	....	....	139.27	136.07	138.61
22	140.40	138.75	138.83	137.10	134.21	134.22	139.69	138.60	138.83
23	....	....	....	134.28	132.89	132.93	139.94	138.84	139.72
24	....	....	....	133.88	132.92	133.88	Holiday		
25	138.81	133.32	133.32	Holiday			....	....	....
26	134.48	131.50	134.48	134.88	133.89	134.88	....	....	....
27	135.92	134.48	135.28	....	....	....	142.32	139.72	142.18
28	135.42	133.59	133.59	....	....	....	142.34	140.75	140.77
29	134.02	132.64	133.71	135.29	133.69	134.20	141.73	140.68	141.24
30	....	....	....	138.54	134.19	138.54	141.68	140.22	140.33
31	....	....	....	....	....	....	140.78	140.27	140.64

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

	JANUARY			FEBRUARY			MARCH		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Holiday			119.81	117.14	117.78	114.32	111.86	113.31
2	....	....	....	119.15	116.91	118.01	114.80	112.03	112.68
3	....	....	....	118.67	116.04	116.48	112.51	109.98	110.92
4	123.72	121.48	122.74	117.49	114.88	116.42	111.78	108.77	109.88
5	122.61	119.57	120.05	118.26	115.74	117.26	110.90	108.31	109.34
6	120.45	117.99	119.18	....	....	....	....	....	....
7	119.86	117.70	118.93	....	....	....	....	....	....
8	120.59	118.55	119.55	117.04	114.20	114.63	111.06	107.03	107.34
9	....	....	....	115.15	112.82	113.68	109.88	106.17	108.83
10	....	....	....	115.62	113.45	114.66	110.98	108.09	109.41
11	120.34	116.47	116.78	115.59	113.41	114.43	110.87	108.38	109.36
12	117.49	115.18	116.30	115.39	113.70	114.38	109.72	107.46	108.61
13	117.46	114.24	114.88	....	....	....	....	....	....
14	116.30	114.07	115.54	....	....	....	....	....	....
15	117.14	115.10	116.33	Holiday			109.99	107.47	109.45
16	....	....	....	114.63	112.06	114.06	110.92	108.57	109.28
17	....	....	....	115.09	112.97	113.69	110.10	108.11	109.08
18	117.69	114.85	117.22	115.04	112.97	113.82	111.02	108.85	110.30
19	118.15	115.52	115.97	114.58	112.33	113.22	111.59	109.64	110.61
20	116.64	114.29	115.27	....	....	....	....	....	....
21	116.92	114.60	115.75	....	....	....	....	....	....
22	116.53	114.56	115.38	114.90	111.20	111.59	113.35	110.71	112.77
23	....	....	....	112.46	110.03	111.51	114.51	112.29	113.55
24	....	....	....	113.88	110.71	113.47	114.31	112.23	112.97
25	115.93	113.63	115.41	114.86	112.44	113.21	114.26	112.02	113.21
26	116.60	114.49	115.19	114.01	112.04	113.11	113.43	111.26	111.94
27	116.60	114.38	115.74	....	....	....	....	....	....
28	119.35	116.10	118.92	....	....	....	....	....	....
29	121.38	118.64	120.40	....	....	....	112.82	110.90	112.30
30	....	....	....	....	....	....	113.09	111.30	112.27
31	....	....	....	....	....	....	113.17	111.32	111.96

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

DATE	APRIL			MAY			JUNE		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	114.22	111.48	113.79	....	....	....	112.75	110.96	111.68
2	115.79	113.65	115.12	....	....	....	112.82	110.95	112.04
3	....	....	....	117.39	115.36	116.81	113.05	110.98	111.86
4	....	....	....	118.37	116.43	117.46	112.15	109.64	110.09
5	115.90	113.94	114.73	118.74	116.66	117.67	....	....	....
6	115.92	113.70	115.36	119.62	117.72	118.68	....	....	....
7	116.45	114.58	115.46	120.55	118.21	119.47	111.05	106.85	110.12
8	116.94	114.94	116.22	....	....	....	110.91	109.03	109.63
9	Holiday			....	....	....	110.14	108.07	108.99
10	....	....	....	119.73	117.80	118.38	110.30	108.28	109.61
11	....	....	....	120.13	117.86	119.42	112.19	110.12	111.24
12	117.02	115.16	116.00	120.47	118.23	119.17	....	....	....
13	117.12	115.16	115.99	119.76	117.70	118.22	....	....	....
14	116.69	114.80	115.83	119.07	117.39	118.01	111.32	109.41	109.96
15	116.86	115.02	116.35	....	....	....	110.34	108.57	109.69
16	117.70	115.68	116.81	....	....	....	110.62	108.30	108.87
17	....	....	....	118.20	116.25	116.71	108.87	106.96	107.60
18	....	....	....	117.01	115.18	115.84	108.24	106.51	107.28
19	118.16	115.83	116.70	116.46	114.37	114.89	....	....	....
20	117.14	114.83	115.44	115.64	113.73	114.59	....	....	....
21	116.58	114.44	115.72	115.75	113.99	114.89	108.39	106.33	107.20
22	117.97	115.67	117.19	....	....	....	108.76	106.51	108.30
23	119.30	117.08	118.64	....	....	....	110.54	107.61	110.14
24	....	....	....	115.53	113.70	114.79	111.39	109.07	109.83
25	....	....	....	116.06	114.06	114.40	110.44	108.50	109.14
26	120.07	117.75	119.26	114.40	112.44	113.11	....	....	....
27	119.65	117.35	118.00	113.69	111.99	112.66	....	....	....
28	118.59	116.42	117.26	113.23	111.19	111.88	110.97	108.74	110.26
29	117.42	115.56	116.13	....	....	....	111.27	109.00	110.21
30	117.37	115.44	116.44	....	....	....	NA	NA	109.61
31	....	....	....	Holiday			....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

DATE	JULY			AUGUST			SEPTEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	110.13	108.07	108.71	....	....	....	120.74	117.41	118.25
2	108.86	106.88	107.65	109.55	107.01	108.98	120.90	117.16	120.28
3	....	....	....	110.05	107.41	107.83	124.83	121.01	122.68
4	....	....	....	107.73	105.59	106.14	....	....	....
5	Holiday			106.35	104.23	105.16	....	....	....
6	108.27	106.18	107.29	105.74	103.29	103.71	Holiday		
7	108.20	106.21	107.22	....	....	....	123.30	120.39	121.37
8	108.08	105.12	107.53	....	....	....	123.65	120.45	122.20
9	109.68	107.26	108.83	103.76	101.44	103.08	123.85	121.00	121.97
10	....	....	....	104.37	102.30	102.84	122.17	119.58	120.97
11	....	....	....	103.62	101.82	102.60	....	....	....
12	110.84	108.10	109.57	103.85	101.80	102.42	....	....	....
13	110.69	108.42	109.45	104.27	101.88	103.85	122.66	119.60	122.24
14	111.00	108.44	110.44	....	....	....	124.50	121.80	123.10
15	111.75	109.54	110.47	....	....	....	124.69	122.06	124.29
16	112.14	109.50	111.07	106.21	103.56	104.09	125.59	122.89	123.77
17	....	....	....	109.33	104.32	109.04	124.27	121.82	122.55
18	....	....	....	112.78	107.95	108.53	....	....	....
19	112.35	110.08	110.73	110.67	107.35	109.16	....	....	....
20	112.24	109.69	111.54	113.49	109.33	113.02	123.25	120.81	122.51
21	113.12	110.68	111.42	....	....	....	125.27	122.16	124.88
22	112.58	110.21	111.47	....	....	....	127.31	123.56	123.99
23	112.41	110.25	111.17	116.69	111.98	116.11	124.92	122.21	123.81
24	....	....	....	117.53	114.08	115.34	124.44	122.36	123.32
25	....	....	....	118.78	114.56	117.58	....	....	....
26	111.53	109.73	110.36	121.23	117.05	118.55	....	....	....
27	111.01	108.90	109.43	118.89	115.94	117.11	124.20	122.08	123.62
28	109.50	107.09	107.73	....	....	....	124.91	122.58	123.24
29	108.65	106.21	107.72	....	....	....	123.47	120.71	121.63
30	108.46	106.59	107.09	118.17	115.15	117.66	121.90	119.45	120.42
31	....	....	....	120.45	117.11	119.51	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1982

	OCTOBER			NOVEMBER			DECEMBER		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	122.46	119.13	121.97	136.03	132.54	135.47	141.24	137.31	138.72
2	....	....	....	139.31	135.72	137.49	140.56	137.64	138.82
3	....	....	....	143.51	137.38	142.87	140.57	137.74	138.69
4	122.22	119.91	121.51	145.33	140.66	141.85	....	....	....
5	123.42	121.00	121.98	143.59	140.25	142.16	....	....	....
6	126.33	121.82	125.97	....	....	....	142.55	137.18	141.77
7	130.27	126.80	128.81	....	....	....	144.63	140.74	142.72
8	132.06	127.22	131.05	142.02	138.33	140.44	144.65	140.82	141.81
9	....	....	....	144.03	139.86	143.02	142.67	138.27	140.00
10	....	....	....	145.19	140.16	141.16	142.09	138.17	139.57
11	136.44	131.78	134.47	142.38	138.78	141.76	....	....	....
12	137.02	132.35	134.44	142.74	138.76	139.53	....	....	....
13	138.88	133.43	136.71	....	....	....	141.19	138.45	139.95
14	138.01	133.86	134.57	....	....	....	143.00	136.79	137.39
15	135.30	132.05	133.57	138.90	135.79	137.03	137.89	134.16	135.24
16	....	....	....	137.28	132.98	135.42	137.01	133.76	135.30
17	....	....	....	138.97	135.66	137.93	138.57	134.84	137.49
18	137.47	133.23	136.73	139.60	136.68	138.34	....	....	....
19	138.81	134.93	136.58	139.77	136.33	137.02	....	....	....
20	139.68	135.47	139.23	....	....	....	138.82	135.40	136.26
21	141.40	136.76	139.06	....	....	....	139.41	135.09	138.61
22	141.40	137.48	138.83	137.49	133.74	134.22	140.86	137.30	138.83
23	....	....	....	135.12	132.09	132.93	140.98	138.07	139.72
24	....	....	....	134.87	132.15	133.88	Holiday		
25	136.97	132.54	133.32	Holiday			....	....	....
26	135.29	130.74	134.48	135.63	133.52	134.88	....	....	....
27	136.95	133.56	135.28	....	....	....	143.02	139.15	142.18
28	136.20	132.97	133.59	....	....	....	143.14	140.06	140.77
29	134.82	131.67	133.71	135.99	133.04	134.20	142.49	139.71	141.24
30	....	....	....	138.98	133.45	138.54	142.46	139.57	140.33
31	....	....	....	....	....	....	141.73	139.45	140.64

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1981

DATE	JANUARY			FEBRUARY			MARCH		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Holiday			....	....	....	....	....	....
2	137.10	134.31	136.34	129.48	125.82	126.91	132.96	130.15	132.01
3	....	....	....	128.92	125.89	128.46	132.72	129.86	130.56
4	....	....	....	129.71	127.29	128.59	132.07	129.57	130.86
5	139.24	135.86	137.97	130.49	127.99	129.63	131.82	129.25	129.93
6	140.32	135.78	138.12	131.81	129.03	130.60	131.18	128.56	129.85
7	136.02	132.30	135.08	....	....	....	....	....	....
8	136.10	131.98	133.06	....	....	....	....	....	....
9	134.78	131.71	133.48	131.39	128.61	129.27	131.94	129.39	131.12
10	....	....	....	130.19	128.05	129.24	132.64	129.72	130.46
11	....	....	....	129.92	127.60	128.24	131.20	128.72	129.95
12	135.88	132.79	133.52	128.95	126.78	127.48	133.56	129.76	133.19
13	134.27	131.69	133.29	128.34	126.04	126.98	135.53	132.39	133.11
14	135.05	132.65	133.47	....	....	....	....	....	....
15	135.15	132.44	134.22	....	....	....	....	....	....
16	135.91	133.35	134.77	Holiday			135.35	132.17	134.68
17	....	....	....	128.75	126.43	127.81	136.09	132.80	133.92
18	....	....	....	129.25	127.09	128.48	135.66	132.80	134.22
19	135.86	133.51	134.37	129.07	125.98	126.61	135.37	132.37	133.46
20	135.30	131.26	131.65	127.65	124.66	126.58	135.29	132.50	134.08
21	132.48	129.93	131.36	....	....	....	....	....	....
22	132.08	129.23	130.26	....	....	....	....	....	....
23	131.34	129.00	130.23	128.28	125.69	127.35	136.50	133.41	135.69
24	....	....	....	128.76	126.49	127.39	137.40	134.10	134.67
25	....	....	....	129.21	125.77	128.52	137.32	133.92	137.11
26	131.18	128.57	129.84	130.93	128.02	130.10	138.38	135.29	136.27
27	131.95	129.32	131.12	132.02	129.35	131.27	136.89	133.91	134.65
28	132.41	129.62	130.34	....	....	....	....	....	....
29	131.78	128.97	130.24	....	....	....	....	....	....
30	131.65	128.61	129.55	....	....	....	135.87	133.51	134.28
31	....	....	....	....	....	....	137.15	134.68	136.00

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1981

DATE	APRIL			MAY			JUNE		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	137.56	135.04	136.57	134.17	131.43	132.72	134.62	131.49	132.41
2	137.72	135.16	136.32	....	....	....	132.96	129.84	130.62
3	137.04	134.67	135.49	....	....	....	131.37	128.77	130.71
4	....	....	....	131.78	129.61	130.67	132.21	129.72	130.96
5	....	....	....	131.33	128.93	130.32	132.98	130.17	132.22
6	135.34	132.91	133.93	132.38	130.09	130.78	....	....	....
7	135.27	132.96	133.91	132.41	130.21	131.67	....	....	....
8	135.34	133.26	134.31	132.89	130.84	131.66	133.68	131.29	132.24
9	135.80	132.59	134.67	....	....	....	133.30	130.94	131.97
10	136.23	133.18	134.51	....	....	....	133.49	131.04	132.32
11	....	....	....	132.23	129.11	129.71	134.31	131.58	133.75
12	....	....	....	131.17	128.78	130.72	135.09	132.40	133.49
13	134.91	132.24	133.15	131.96	129.53	130.55	....	....	....
14	134.03	131.58	132.68	132.15	129.91	131.28	....	....	....
15	134.79	132.20	134.17	133.21	130.75	132.17	135.67	132.78	133.61
16	135.82	133.43	134.70	....	....	....	134.24	131.29	132.15
17	Holiday			....	....	....	133.98	130.81	133.32
18	....	....	....	133.65	131.49	132.54	133.98	130.94	131.64
19	....	....	....	133.22	130.78	132.09	133.27	130.49	132.27
20	136.25	133.19	135.45	133.03	130.59	132.00	....	....	....
21	136.38	133.49	134.23	133.03	130.70	131.75	....	....	....
22	135.54	132.72	134.14	132.65	130.42	131.33	133.54	131.10	131.95
23	135.90	132.90	133.94	....	....	....	133.96	131.16	133.35
24	136.00	132.88	135.14	....	....	....	133.90	131.65	132.66
25	....	....	....	Holiday			134.30	131.78	132.81
26	....	....	....	133.30	130.64	132.77	133.75	131.71	132.56
27	136.56	134.13	135.48	134.65	131.85	133.77	....	....	....
28	136.09	133.10	134.33	134.92	132.00	133.45	....	....	....
29	134.69	131.82	133.05	134.36	131.52	122.59	133.50	131.20	131.89
30	134.44	131.85	132.81	....	....	....	132.67	130.31	131.21
31	....	....	....	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1981

	JULY			AUGUST			SEPTEMBER		
DATE	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**
1	131.69	129.04	129.77	....	....	....	123.92	121.59	123.02
2	130.48	127.84	128.64	....	....	....	124.58	122.54	123.49
3	Holiday			131.74	129.42	130.48	124.16	120.82	121.24
4	....	....	....	131.86	129.43	131.18	121.54	119.24	120.07
5	....	....	....	133.39	130.76	132.67	....	....	....
6	128.99	126.44	127.37	134.04	131.74	132.64	....	....	....
7	129.60	126.39	128.24	133.04	130.96	131.75	Holiday		
8	129.57	126.95	128.32	....	....	....	120.12	116.85	117.98
9	130.08	127.57	129.30	....	....	....	119.49	116.87	118.40
10	130.43	128.38	129.37	133.32	130.83	132.54	122.18	118.33	120.14
11	....	....	....	134.63	132.09	133.85	122.13	119.29	121.61
12	....	....	....	135.18	132.73	133.40	....	....	....
13	130.82	128.79	129.64	134.58	132.53	133.51	....	....	....
14	130.78	128.14	129.65	134.33	131.91	132.49	122.00	119.67	120.66
15	131.59	128.89	130.23	....	....	....	121.77	119.27	119.77
16	131.41	129.30	130.34	....	....	....	120.00	117.89	118.87
17	131.60	129.49	130.76	133.02	130.75	131.22	119.87	116.63	117.15
18	....	....	....	131.73	129.10	130.11	117.69	115.16	116.26
19	....	....	....	131.20	128.99	130.49	....	....	....
20	130.60	127.98	128.72	131.74	129.84	130.69	....	....	....
21	129.60	127.08	128.34	131.06	128.70	129.23	118.07	115.04	117.24
22	129.72	126.70	127.13	....	....	....	118.19	115.93	116.68
23	128.26	125.96	127.40	....	....	....	116.68	113.60	115.65
24	129.31	127.11	128.46	128.59	125.02	125.50	117.47	114.32	115.01
25	....	....	....	125.77	123.00	125.13	114.69	111.64	112.77
26	....	....	....	126.17	123.99	124.96	....	....	....
27	130.67	128.43	129.90	125.31	122.90	123.51	....	....	....
28	130.44	128.28	129.14	125.09	122.85	124.08	115.83	110.19	115.53
29	130.39	128.37	129.16	....	....	....	117.75	114.75	115.94
30	130.68	128.56	130.01	....	....	....	117.05	114.60	116.18
31	131.78	129.60	130.92	125.58	122.29	122.79	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1981

DATE	OCTOBER			NOVEMBER			DECEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	117.66	115.00	117.08	....	....	....	127.30	124.84	126.10
2	120.16	117.07	119.36	125.14	122.35	124.20	126.45	124.16	124.69
3	....	....	....	125.52	123.14	124.80	125.84	123.63	125.12
4	....	....	....	126.00	123.64	124.74	127.32	125.12	126.26
5	121.54	118.61	119.51	125.80	122.96	123.54	....	....	....
6	121.39	118.08	119.39	124.03	121.85	122.67	....	....	....
7	121.87	119.09	121.31	....	....	....	126.91	124.67	125.19
8	123.08	120.23	122.31	....	....	....	125.75	123.52	124.82
9	123.28	120.63	121.45	124.13	121.59	123.29	126.08	124.09	125.48
10	....	....	....	124.69	122.01	122.70	126.54	124.60	125.71
11	....	....	....	123.62	121.51	122.92	126.28	124.32	124.93
12	122.37	120.17	121.21	124.71	122.19	123.19	....	....	....
13	122.37	119.98	120.78	123.61	121.05	121.67	....	....	....
14	120.97	118.38	118.80	....	....	....	124.37	122.17	122.78
15	120.56	118.01	119.71	....	....	....	123.78	121.83	122.99
16	120.46	118.38	119.19	121.64	119.13	120.24	123.66	121.73	122.42
17	....	....	....	121.78	119.50	121.15	123.79	121.62	123.12
18	....	....	....	121.86	119.61	120.26	124.87	122.58	124.00
19	119.85	117.58	118.98	121.67	119.42	120.71	....	....	....
20	121.29	118.78	120.28	122.59	120.13	121.71	....	....	....
21	121.94	119.35	120.10	....	....	....	124.71	122.87	123.34
22	120.78	118.48	119.64	....	....	....	124.17	122.19	122.88
23	119.92	117.78	118.60	123.11	120.76	121.60	123.59	121.58	122.31
24	....	....	....	124.04	121.22	123.51	123.06	121.57	122.54
25	....	....	....	125.29	123.07	124.05	Holiday		
26	119.00	116.81	118.16	Holiday			....	....	....
27	120.43	117.80	119.29	125.71	123.63	125.09	....	....	....
28	120.96	118.39	119.45	....	....	....	123.36	121.73	122.27
29	120.37	118.14	119.06	....	....	....	122.90	121.12	121.67
30	122.53	118.43	121.89	126.97	124.18	126.35	123.11	121.04	122.30
31	....	....	....	....	....	....	123.42	121.57	122.55

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1980

DATE	JANUARY HIGH	JANUARY LOW	JANUARY CLOSE	FEBRUARY HIGH	FEBRUARY LOW	FEBRUARY CLOSE	MARCH HIGH	MARCH LOW	MARCH CLOSE
1	Holiday			115.54	113.13	115.[illegible]	....	....	....
2	108.43	105.29	105.76	....	....	....	....	....	....
3	106.08	103.29	105.22	....	....	....	114.34	112.01	112.50
4	107.08	105.09	106.52	116.01	113.83	114.37	113.41	110.83	112.78
5	....	....	....	115.25	112.15	114.66	113.94	110.58	111.13
6	....	....	....	116.57	113.65	115.72	111.29	107.85	108.65
7	107.80	105.80	106.81	117.87	115.22	116.28	108.96	105.99	106.90
8	109.29	106.29	108.95	118.66	115.72	117.95	....	....	....
9	111.09	108.41	109.05	....	....	....	....	....	....
10	110.86	108.47	109.89	....	....	....	107.86	104.92	106.51
11	111.16	108.89	109.92	119.05	116.31	117.12	108.54	106.18	107.78
12	....	....	....	118.41	115.75	117.90	108.40	105.42	106.87
13	....	....	....	120.22	117.57	118.44	107.55	105.10	105.62
14	111.44	109.34	110.38	119.30	116.04	116.72	106.49	104.01	105.43
15	111.93	109.45	111.14	116.70	114.12	115.41	....	....	....
16	112.90	110.38	111.05	....	....	....	....	....	....
17	112.01	109.81	110.70	....	....	....	105.23	101.82	102.26
18	111.74	109.68	111.07	Holiday			104.71	101.14	104.10
19	....	....	....	115.67	113.35	114.60	105.72	103.35	104.31
20	....	....	....	117.18	114.06	116.47	105.17	102.52	103.12
21	112.90	110.66	112.10	117.90	114.44	115.28	103.73	101.55	102.31
22	113.10	110.92	111.51	116.48	113.43	115.04	....	....	....
23	113.93	110.93	113.44	....	....	....	....	....	....
24	115.27	112.95	113.70	....	....	....	102.18	98.88	99.28
25	114.45	112.36	113.61	114.93	112.62	113.33	100.56	97.89	99.19
26	....	....	....	114.76	112.30	113.98	101.22	98.10	98.68
27	....	....	....	115.12	111.91	112.38	99.56	94.24	98.22
28	115.65	112.93	114.85	113.70	111.33	112.35	101.43	97.72	100.68
29	115.77	113.03	114.07	114.12	111.77	113.66	....	....	....
30	115.85	113.37	115.20	....	....	....	....	....	....
31	117.17	113.78	114.16	....	....	....	102.65	100.02	102.09

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1980

DATE	APRIL			MAY			JUNE		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	103.28	100.85	102.18	106.86	104.72	105.46	....	....	....
2	103.87	101.45	102.68	106.25	104.61	105.58	112.15	110.06	110.76
3	103.34	101.31	102.15	....	....	....	111.63	109.77	110.51
4	Holiday			....	....	....	113.45	110.22	112.61
5	....	....	....	106.83	104.64	106.38	114.38	111.89	112.78
6	....	....	....	107.83	105.36	106.25	114.01	112.11	113.20
7	102.27	99.73	100.19	108.12	105.63	107.18	....	....	....
8	101.88	99.23	101.20	108.02	105.50	106.13	....	....	....
9	103.60	101.01	103.11	106.20	104.16	104.72	114.51	112.68	113.71
10	105.00	102.81	104.08	....	....	....	115.50	113.17	114.66
11	105.15	103.20	103.79	....	....	....	116.64	114.22	116.02
12	....	....	....	105.48	103.50	104.78	117.01	114.28	115.52
13	....	....	....	106.76	104.44	106.30	116.94	114.67	115.81
14	103.92	102.08	102.84	107.89	106.00	106.85	....	....	....
15	103.94	101.85	102.63	107.99	106.07	106.99	....	....	....
16	104.42	101.13	101.54	107.89	106.25	107.35	116.80	114.78	116.09
17	102.21	100.12	101.05	....	....	....	117.16	115.13	116.03
18	102.07	99.97	100.55	....	....	....	116.84	114.77	116.26
19	....	....	....	108.43	106.51	107.67	116.81	114.36	114.66
20	....	....	....	108.39	106.75	107.62	114.90	113.12	114.06
21	101.26	98.95	99.80	108.31	106.54	107.72	....	....	....
22	104.02	100.81	103.43	109.73	107.34	109.01	....	....	....
23	105.11	102.81	103.73	111.37	109.01	110.62	115.28	113.35	114.51
24	105.43	102.93	104.40	....	....	....	115.75	113.76	115.14
25	105.57	103.02	105.16	....	....	....	117.37	115.07	116.72
26	....	....	....	Holiday			117.98	115.58	116.19
27	....	....	....	112.30	110.35	111.40	116.93	115.03	116.00
28	106.79	104.64	105.64	112.72	110.42	112.06	....	....	....
29	106.70	104.86	105.86	112.64	109.86	110.27	....	....	....
30	106.72	104.50	106.29	111.55	108.87	111.24	116.04	113.66	114.24
31	....	....	....	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1980

DATE	JULY			AUGUST			SEPTEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	115.45	113.54	114.93	122.38	120.06	121.21	Holiday		
2	116.44	114.36	115.68	....	....	....	124.36	121.79	123.74
3	117.80	115.49	117.46	....	....	....	126.43	123.87	126.12
4	Holiday			121.63	119.42	120.98	127.70	124.42	125.42
5	....	....	....	122.09	119.93	120.74	126.12	124.08	124.88
6	....	....	....	122.01	119.94	121.55	....	....	....
7	118.85	116.96	118.29	123.84	121.33	123.30	....	....	....
8	119.11	117.07	117.84	125.23	122.82	123.61	125.67	122.78	123.31
9	119.62	117.10	117.98	....	....	....	124.52	121.94	124.07
10	118.57	116.38	116.95	....	....	....	125.95	123.60	124.81
11	118.38	116.29	117.84	125.31	122.85	124.78	126.48	124.19	125.66
12	....	....	....	125.78	123.29	123.79	126.75	124.72	125.54
13	....	....	....	124.67	122.49	123.28	....	....	....
14	120.37	117.45	120.01	125.62	122.68	125.25	....	....	....
15	121.56	118.85	119.30	126.61	124.51	125.72	126.35	124.09	125.67
16	120.87	118.54	119.63	....	....	....	127.78	125.15	126.74
17	121.81	119.43	121.44	....	....	....	129.62	126.57	128.87
18	123.19	120.88	122.04	125.28	122.82	123.39	130.38	127.63	128.40
19	....	....	....	124.00	121.97	122.60	130.33	127.57	129.25
20	....	....	....	124.77	121.91	123.77	....	....	....
21	123.15	120.85	122.51	125.99	123.61	125.46	....	....	....
22	123.90	121.38	122.19	127.78	125.18	126.02	130.99	127.89	130.40
23	123.26	120.93	121.93	....	....	....	132.17	128.55	129.43
24	122.98	120.83	121.79	....	....	....	131.34	128.45	130.37
25	121.96	119.94	120.78	126.28	124.32	125.16	131.53	128.13	128.72
26	....	....	....	126.29	124.01	124.84	128.17	125.29	126.35
27	....	....	....	124.98	122.93	123.52	....	....	....
28	122.02	119.78	121.43	123.91	121.61	122.08	....	....	....
29	122.99	120.76	122.40	123.04	121.06	122.38	125.41	122.87	123.54
30	123.93	121.16	122.23	....	....	....	126.09	123.54	125.46
31	122.34	119.40	121.67	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1980

DATE	OCTOBER			NOVEMBER			DECEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	127.88	124.33	127.13	....	....	....	140.66	136.75	137.21
2	128.82	126.04	128.09	....	....	....	138.11	134.37	136.97
3	130.44	127.65	129.33	129.85	127.23	129.04	138.09	135.43	136.71
4	....	....	....	Holiday			138.40	135.09	136.48
5	....	....	....	135.65	130.77	131.33	136.37	132.91	134.03
6	132.38	129.35	131.73	131.30	128.23	128.91	....	....	....
7	132.88	130.10	131.00	130.08	127.74	129.18	....	....	....
8	132.78	130.28	131.65	....	....	....	133.19	129.71	130.61
9	132.65	130.25	131.04	....	....	....	131.92	128.77	130.48
10	132.15	129.58	130.29	130.51	128.19	129.48	131.99	127.94	128.26
11	....	....	....	132.30	129.48	131.26	128.73	125.32	127.36
12	....	....	....	135.12	131.33	134.59	129.98	127.15	129.23
13	132.46	129.37	132.03	137.21	134.12	136.49	....	....	....
14	133.57	131.16	132.02	138.96	135.12	137.15	....	....	....
15	134.35	131.59	133.70	....	....	....	131.33	128.64	129.45
16	135.88	131.64	132.22	....	....	....	131.22	128.33	130.60
17	133.07	130.22	131.52	138.46	134.90	137.75	133.59	130.22	132.89
18	....	....	....	140.92	137.91	139.70	135.90	131.89	133.00
19	....	....	....	141.76	138.06	139.06	134.98	131.80	133.70
20	133.21	130.04	132.61	141.24	137.79	140.40	....	....	....
21	134.01	130.78	131.84	141.24	138.10	139.11	....	....	....
22	132.97	130.62	131.92	....	....	....	136.68	132.88	135.78
23	132.54	128.87	129.53	....	....	....	137.48	134.01	135.30
24	130.55	128.04	129.85	139.36	136.35	138.31	136.55	134.15	135.88
25	....	....	....	140.83	137.42	139.33	Holiday		
26	....	....	....	141.96	138.60	140.17	137.02	135.20	136.57
27	129.94	127.34	127.88	Holiday			....	....	....
28	128.86	126.36	128.05	141.54	139.00	140.52	....	....	....
29	129.91	127.07	127.91	....	....	....	137.51	134.36	135.03
30	128.71	125.78	126.29	....	....	....	136.51	134.04	135.33
31	128.24	125.29	127.47	....	....	....	136.76	134.29	135.76

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1979

DATE	JANUARY			FEBRUARY			MARCH		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Holiday			100.38	99.01	99.96	97.28	95.98	96.90
2	96.96	95.22	96.73	100.52	99.10	99.50	97.55	96.44	96.97
3	98.54	96.81	97.80	....	....	....	....	....	....
4	99.42	97.52	98.58	....	....	....	....	....	....
5	99.79	98.25	99.13	99.07	97.57	98.09	98.64	97.03	98.06
6	....	....	....	98.74	97.48	98.05	98.53	97.36	97.87
7	....	....	....	98.07	96.51	97.16	99.23	97.67	98.44
8	99.30	97.83	98.80	98.11	96.82	97.65	99.82	98.10	99.58
9	99.96	98.62	99.33	98.50	97.28	97.87	100.58	99.12	99.54
10	99.75	98.28	98.77	....	....	....	....	....	....
11	99.41	97.95	99.10	....	....	....	....	....	....
12	100.91	99.32	99.93	98.55	97.05	98.20	100.04	98.56	99.67
13	....	....	....	99.58	98.25	98.93	100.66	99.13	99.84
14	....	....	....	99.64	98.21	98.87	100.43	99.23	99.71
15	101.13	99.58	100.69	99.13	97.96	98.73	100.57	99.11	99.86
16	100.88	99.11	99.46	99.23	98.11	98.67	101.16	99.53	100.69
17	100.00	98.33	99.48	....	....	....	....	....	....
18	100.35	98.91	99.72	....	....	....	....	....	....
19	100.57	99.22	99.75	Holiday			101.94	100.35	101.06
20	....	....	....	99.67	98.26	99.42	101.34	100.01	100.50
21	....	....	....	100.07	98.69	99.07	101.48	99.87	101.25
22	100.35	98.90	99.90	99.21	97.88	98.33	102.41	101.04	101.67
23	101.05	99.35	100.60	98.50	97.29	97.78	102.37	101.02	101.60
24	101.31	99.67	100.16	....	....	....	....	....	....
25	101.66	99.99	101.19	....	....	....	....	....	....
26	102.59	101.03	101.86	98.28	97.20	97.67	101.77	100.60	101.04
27	....	....	....	97.65	95.69	96.13	102.71	100.81	102.48
28	....	....	....	96.69	95.38	96.28	103.31	101.74	102.12
29	100.99	102.33	101.55	....	....	....	102.78	101.43	102.03
30	102.07	100.68	101.05	....	....	....	102.51	101.03	101.59
31	101.41	99.47	99.93	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1979

	APRIL			MAY			JUNE		
DATE	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**
1	....	....	....	102.50	101.22	101.68	99.70	98.57	99.17
2	101.56	100.14	100.90	102.28	101.00	101.72	....	....	....
3	102.67	100.81	102.40	102.57	101.25	101.81	....	....	....
4	103.73	102.16	102.65	102.08	100.42	100.69	99.76	98.61	99.32
5	103.60	102.16	103.26	....	....	....	101.07	99.17	100.62
6	103.95	102.58	103.18	....	....	....	101.96	100.38	101.30
7	....	....	....	100.37	98.78	99.02	102.54	101.15	101.79
8	....	....	....	99.56	97.98	99.17	102.23	100.91	101.49
9	103.56	102.28	102.87	100.01	98.50	99.46	....	....	....
10	103.83	102.42	103.34	99.63	98.22	98.52	....	....	....
11	103.77	101.92	102.31	99.03	97.92	98.52	102.24	100.91	101.91
12	102.77	101.51	102.00	....	....	....	103.64	101.81	102.85
13	Holiday			....	....	....	103.58	101.83	102.31
14	....	....	....	98.95	97.71	98.06	102.63	101.04	102.20
15	....	....	....	98.90	97.60	98.14	102.78	101.38	102.09
16	102.02	100.67	101.12	98.80	97.49	98.42	....	....	....
17	101.94	100.65	101.24	100.22	98.29	99.94	....	....	....
18	102.23	100.96	101.70	100.73	99.33	99.93	102.48	101.05	101.56
19	102.40	100.88	101.28	....	....	....	102.28	100.91	101.58
20	101.81	100.46	101.23	....	....	....	102.19	100.93	101.63
21	....	....	....	100.75	99.37	100.14	102.74	101.20	102.09
22	....	....	....	100.93	99.45	100.51	103.16	101.91	102.64
23	102.00	100.68	101.57	101.31	99.63	99.89	....	....	....
24	103.02	101.39	102.20	100.44	99.14	99.93	....	....	....
25	103.07	101.79	102.50	100.68	99.52	100.22	102.91	101.45	102.09
26	102.91	101.58	102.01	....	....	....	102.80	101.22	101.66
27	102.32	101.04	101.80	....	....	....	102.95	101.29	102.27
28	....	....	....	Holiday			103.46	101.91	102.80
29	....	....	....	100.76	99.56	100.05	103.67	102.04	102.91
30	102.24	100.91	101.76	100.25	98.79	99.11	....	....	....
31	....	....	....	99.61	98.29	99.08	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1979

DATE	JULY			AUGUST			SEPTEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	104.57	103.14	104.17	....	....	....
2	103.00	101.45	101.99	105.02	103.59	104.10	....	....	....
3	102.57	101.31	102.09	104.56	103.36	104.04	Holiday		
4	Holiday			....	....	....	109.41	107.22	107.44
5	102.88	101.59	102.43	....	....	....	107.19	105.38	106.40
6	103.91	102.12	103.62	104.66	103.27	104.30	107.61	105.97	106.85
7	....	....	....	106.23	104.12	105.65	108.09	106.30	107.66
8	....	....	....	106.84	105.20	105.98	....	....	....
9	105.07	103.36	104.47	106.25	104.89	105.49	....	....	....
10	105.16	103.52	104.20	106.79	104.81	106.40	108.71	107.21	108.17
11	104.34	102.87	103.68	....	....	....	108.83	106.80	107.51
12	103.72	102.22	102.69	....	....	....	108.41	106.72	107.82
13	102.99	101.49	102.32	107.90	106.28	107.42	108.53	107.06	107.85
14	....	....	....	108.03	106.60	107.52	109.48	107.42	108.76
15	....	....	....	108.64	106.75	108.25	....	....	....
16	103.20	101.81	102.74	109.18	107.38	108.09	....	....	....
17	103.06	101.27	101.83	108.94	107.25	108.30	110.06	108.40	108.84
18	102.06	100.35	101.69	....	....	....	109.00	107.32	108.00
19	102.42	101.04	101.61	....	....	....	109.02	107.52	108.28
20	102.32	101.06	101.82	109.32	107.69	108.83	110.69	107.59	110.51
21	....	....	....	109.68	108.17	108.91	111.58	109.46	110.47
22	....	....	....	109.56	108.09	108.99	....	....	....
23	102.73	100.84	101.59	109.59	108.12	108.63	....	....	....
24	102.50	101.14	101.97	109.11	107.65	108.60	110.90	109.16	109.61
25	103.44	101.85	103.08	....	....	....	110.10	108.27	109.68
26	103.63	102.34	103.10	....	....	....	111.25	109.37	109.96
27	103.50	102.29	103.10	109.84	108.12	109.14	110.75	109.19	110.21
28	....	....	....	109.65	108.47	109.02	110.67	108.70	109.32
29	....	....	....	109.59	108.36	109.02	....	....	....
30	103.63	102.42	103.15	109.59	108.40	109.02	....	....	....
31	104.26	102.89	103.81	109.80	108.58	109.32	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1979

DATE	OCTOBER			NOVEMBER			DECEMBER		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	109.19	107.70	108.56	103.07	101.10	102.57	.....	.....	.....
2	110.08	108.03	109.59	103.21	101.92	102.51	.....	.....	.....
3	110.43	108.88	109.59	.....	.....	.....	106.65	105.07	105.83
4	110.81	109.14	110.17	.....	.....	.....	107.25	105.66	106.79
5	112.16	110.16	111.27	102.66	101.24	101.82	108.36	106.60	107.25
6	.....	.....	.....	102.01	100.77	101.20	108.47	106.71	108.00
7	.....	.....	.....	100.97	99.42	99.67	109.24	106.55	107.52
8	111.83	109.65	109.88	101.00	99.49	100.30	.....	.....	.....
9	109.43	106.04	106.63	102.18	100.58	101.51	.....	.....	.....
10	106.23	102.31	105.30	.....	.....	.....	108.27	106.65	107.67
11	106.33	103.70	105.05	.....	.....	.....	108.58	106.79	107.49
12	106.20	104.01	104.49	103.72	101.27	103.51	108.32	106.78	107.52
13	.....	.....	.....	104.21	102.42	102.94	108.29	106.68	107.67
14	.....	.....	.....	104.13	101.91	103.39	109.49	107.37	108.92
15	104.74	102.69	103.36	104.94	103.10	104.13	.....	.....	.....
16	104.37	102.52	103.19	104.72	103.79	103.79	.....	.....	.....
17	104.54	102.74	103.39	.....	.....	.....	110.33	108.36	109.33
18	104.62	102.92	103.61	.....	.....	.....	109.83	107.83	108.30
19	103.58	101.24	101.60	105.08	103.17	104.23	108.79	107.02	108.20
20	.....	.....	.....	105.11	103.14	103.69	109.24	107.40	108.26
21	.....	.....	.....	104.23	102.04	103.89	108.76	106.99	107.59
22	101.38	99.96	100.71	Holiday			.....	.....	.....
23	101.44	99.61	100.28	105.13	103.56	104.67	.....	.....	.....
24	101.45	99.66	100.44	.....	.....	.....	108.08	106.80	107.66
25	101.39	99.56	100.00	.....	.....	.....	Holiday		
26	101.31	99.59	100.57	107.44	104.83	106.80	108.37	107.06	107.78
27	.....	.....	.....	107.89	105.64	106.38	108.50	107.14	107.96
28	.....	.....	.....	107.55	105.29	106.77	108.61	107.16	107.84
29	101.56	100.13	100.71	107.84	106.17	106.81	.....	.....	.....
30	102.83	100.41	102.67	107.16	105.56	106.16	.....	.....	.....
31	103.16	101.38	101.82	.....	.....	.....	108.53	107.26	107.94

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1978

DATE	JANUARY			FEBRUARY			MARCH		
	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Holiday			90.24	88.82	89.93	87.63	86.45	87.19
2	....	....	....	90.91	89.54	90.13	87.91	86.69	87.32
3	95.15	93.49	93.82	90.32	89.19	89.62	87.98	86.83	87.45
4	94.10	92.57	93.52	....	....	....	....	....	....
5	94.53	92.51	92.74	....	....	....	....	....	....
6	92.66	90.05	91.62	89.85	88.95	89.50	87.52	86.48	86.90
7	....	....	....	90.53	89.38	90.33	87.63	86.55	87.36
8	....	....	....	91.32	90.09	90.83	88.08	86.97	87.84
9	91.48	89.97	90.64	90.96	89.84	90.30	88.49	87.34	87.89
10	91.29	89.72	90.17	90.69	89.56	90.06	89.25	87.82	88.88
11	90.70	89.29	89.74	....	....	....	....	....	....
12	90.60	89.25	89.82	....	....	....	....	....	....
13	90.47	89.26	89.69	90.30	89.38	89.86	89.77	88.48	88.95
14	....	....	....	89.89	88.70	89.04	89.62	88.21	89.35
15	....	....	....	89.40	88.30	88.83	89.73	88.52	89.12
16	90.11	88.88	89.43	88.77	87.64	88.08	89.77	88.58	89.51
17	90.31	89.05	89.88	88.70	87.55	87.96	90.52	89.17	90.20
18	90.86	89.59	90.56	....	....	....	....	....	....
19	91.04	89.74	90.09	....	....	....	....	....	....
20	NA	NA	89.89	Holiday			91.35	90.10	90.82
21	....	....	....	88.19	87.09	87.59	91.06	89.50	89.79
22	....	....	....	88.15	87.19	87.56	90.07	88.99	89.47
23	90.08	88.81	89.24	87.92	86.88	87.64	89.90	88.83	89.36
24	89.80	88.67	89.25	88.87	87.66	88.49	Holiday		
25	89.94	88.83	89.39	....	....	....	....	....	....
26	89.79	88.31	88.58	....	....	....	....	....	....
27	89.10	88.02	88.58	88.97	87.49	87.72	89.50	88.51	88.87
28	....	....	....	87.76	86.58	87.04	89.76	88.47	89.50
29	....	....	....	....	....	....	90.17	89.14	89.64
30	89.67	88.26	89.34	....	....	....	89.89	88.97	89.41
31	89.92	88.61	89.25	....	....	....	89.64	88.68	89.21

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1978

	APRIL			MAY			JUNE		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	98.30	96.41	97.67	97.95	96.63	97.35
2	....	....	....	98.11	96.44	97.25	98.52	97.01	98.14
3	89.20	88.07	88.46	97.61	95.84	96.26	....	....	....
4	89.18	88.16	88.86	96.43	94.57	95.93	....	....	....
5	93.82	86.90	89.64	97.44	95.56	96.53	100.27	97.97	99.95
6	90.46	89.31	89.79	....	....	....	101.84	99.90	100.32
7	90.59	89.39	90.17	....	....	....	100.81	99.36	100.12
8	....	....	....	97.50	95.82	96.19	101.21	99.55	100.21
9	....	....	....	96.68	95.33	95.90	100.71	99.30	99.93
10	90.88	89.73	90.49	96.69	95.35	95.92	....	....	....
11	90.79	89.77	90.25	97.47	95.60	97.20	....	....	....
12	90.78	89.65	90.11	98.89	97.14	98.07	100.60	99.16	99.55
13	91.27	88.82	90.98	....	....	....	99.98	98.43	99.57
14	93.31	91.40	92.92	....	....	....	100.68	98.89	99.48
15	....	....	....	99.11	97.40	98.76	99.54	97.97	98.34
16	....	....	....	100.16	98.61	99.35	98.59	97.10	97.42
17	95.89	93.60	94.45	100.32	98.63	99.60	....	....	....
18	94.72	92.87	93.43	100.04	98.19	98.62	....	....	....
19	94.48	92.75	93.86	99.06	97.42	98.12	97.94	96.53	97.49
20	95.71	93.97	94.54	....	....	....	97.78	96.15	96.51
21	95.09	93.71	94.34	....	....	....	96.74	95.42	96.01
22	....	....	....	99.83	97.65	99.09	96.76	95.52	96.24
23	....	....	....	99.17	97.53	98.05	96.98	95.49	95.85
24	96.00	94.08	95.77	98.74	96.27	97.08	....	....	....
25	97.91	96.05	96.64	97.80	96.30	96.80	....	....	....
26	97.75	95.96	96.82	97.14	96.01	96.58	96.06	94.31	94.60
27	96.93	95.86	95.86	....	....	....	95.48	93.99	94.98
28	97.10	95.24	96.83	....	....	....	95.79	94.44	95.40
29	....	....	....	Holiday			96.26	95.00	95.57
30	....	....	....	97.14	96.01	96.86	95.96	94.87	95.53
31	....	....	....	97.97	96.50	97.24	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1978

	JULY			AUGUST			SEPTEMBER		
DATE	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**	**HIGH**	**LOW**	**CLOSE**
1	....	....	....	100.46	99.95	100.66	104.27	102.73	103.68
2	....	....	....	103.21	100.18	102.92	....	....	....
3	95.65	94.62	95.09	105.41	102.82	103.51	....	....	....
4	Holiday			104.67	102.75	103.92	Holiday		
5	95.20	93.78	94.27	....	....	....	104.83	103.31	104.49
6	94.83	93.59	94.32	...	....	....	106.19	104.51	105.38
7	95.32	94.02	94.89	104.84	103.03	103.55	106.49	104.76	105.42
8	....	....	....	104.35	102.60	104.01	107.19	105.50	106.79
9	....	....	....	105.72	103.70	104.50	....	....	....
10	95.67	94.28	95.27	105.11	103.10	103.66	....	....	....
11	96.49	94.92	95.93	104.67	102.85	103.96	108.05	106.42	106.98
12	96.83	95.50	96.24	....	....	....	107.48	106.02	106.99
13	96.66	95.42	96.25	....	....	....	107.85	105.87	106.34
14	97.88	95.89	97.58	104.98	103.40	103.97	106.62	104.77	105.10
15	....	....	....	104.38	102.86	103.85	105.12	103.56	104.12
16	....	....	....	105.15	103.41	104.65	....	....	....
17	96.84	97.24	97.78	106.27	104.34	105.08	....	....	....
18	97.98	96.52	96.87	105.98	104.23	104.73	105.03	102.75	103.21
19	98.41	96.71	96.12	....	....	....	103.82	102.12	102.53
20	99.18	97.49	98.03	....	....	....	103.29	101.28	101.73
21	98.57	97.02	97.75	105.20	103.44	103.89	102.54	100.66	101.90
22	....	....	....	104.79	103.14	104.31	102.69	101.13	101.84
23	....	....	....	105.68	104.12	104.91	....	....	....
24	98.13	96.72	97.72	105.86	104.29	105.08	....	....	....
25	98.73	97.20	98.44	105.68	104.24	104.90	102.36	101.05	101.86
26	NA	NA	99.08	....	....	....	103.15	101.58	102.62
27	100.17	96.60	99.54	....	....	....	103.44	101.33	101.66
28	100.51	96.90	100.00	105.14	103.61	103.96	102.38	100.94	101.96
29	....	....	....	104.34	102.92	103.39	103.08	101.65	102.54
30	....	....	....	104.26	102.70	103.47	....	....	....
31	101.18	99.37	100.68	104.05	102.63	103.29	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
500 STOCK COMPOSITE
DURING 1978

	OCTOBER			NOVEMBER			DECEMBER		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	97.41	94.13	96.85	96.69	95.01	96.28
2	103.42	102.13	102.96	97.31	94.84	95.61	....	....	....
3	103.56	102.18	102.60	96.98	94.78	96.18	....	....	....
4	103.36	101.76	103.06	....	....	....	96.96	95.37	96.15
5	104.10	102.54	103.27	....	....	....	97.70	95.88	97.44
6	104.23	102.82	103.52	96.49	94.84	95.19	98.58	96.83	97.49
7	....	....	....	94.75	93.14	93.85	98.10	96.58	97.08
8	....	....	....	94.74	92.89	94.45	97.48	96.14	96.63
9	104.89	103.31	104.59	95.50	93.81	94.42	....	....	....
10	105.36	103.90	103.90	95.39	93.94	94.77	....	....	....
11	105.64	103.80	105.39	....	....	....	97.56	96.07	97.11
12	106.23	104.42	104.88	....	....	....	97.58	96.27	96.59
13	105.34	104.07	104.66	94.90	92.96	93.13	97.07	95.59	96.06
14	....	....	....	93.53	91.77	92.49	96.44	95.20	96.04
15	....	....	....	94.00	92.29	92.71	96.28	94.88	95.33
16	104.63	102.43	102.61	94.08	92.59	93.71	....	....	....
17	102.35	100.47	101.26	95.03	93.59	94.42	....	....	....
18	101.76	99.89	100.49	....	....	....	94.33	92.64	93.44
19	101.03	99.04	99.33	....	....	....	94.85	93.05	94.24
20	99.26	97.12	97.95	95.86	94.29	95.25	95.20	93.70	94.68
21	....	....	....	95.83	94.49	95.01	95.66	94.11	94.71
22	....	....	....	95.91	94.54	95.48	96.62	94.77	96.31
23	98.84	96.63	98.18	Holiday			....	....	....
24	98.95	97.13	97.49	96.17	94.98	95.79	....	....	....
25	98.56	96.33	97.31	....	....	....	Holiday		
26	97.71	95.59	96.03	....	....	....	97.89	95.99	97.52
27	96.62	94.30	94.59	96.52	95.17	95.99	97.51	96.15	96.66
28	....	....	....	96.51	94.88	95.15	97.19	95.82	96.28
29	....	....	....	94.92	93.48	93.75	97.03	95.48	96.11
30	95.49	91.65	95.06	94.94	93.29	94.70	....	....	....
31	95.80	92.72	93.15	....	....	....	....	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
S & P 100 (DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	117.23	113.19	113.12	....	111.28	108.58	....	119.08	122.28	136.97	140.31
2	....	117.59	112.22	114.29	....	111.46	107.40	109.90	121.40	....	138.58	140.33
3	....	115.78	110.45	....	115.93	111.24	....	109.16	123.90	....	144.77	140.18
4	120.12	115.86	109.44	....	116.82	109.12	....	107.12	....	121.58	143.36	....
5	117.37	116.86	109.37	113.62	116.99	....	Holiday	106.06	....	121.92	143.57	....
6	116.90	....	....	114.56	117.86	....	107.48	104.54	Holiday	126.70	....	144.35
7	116.80	....	....	114.48	118.36	109.46	107.52	....	122.56	129.44	....	145.57
8	117.59	114.13	107.32	115.25	....	108.72	108.14	....	123.38	131.80	141.55	144.30
9	....	113.47	108.92	Holiday	....	108.20	109.64	104.18	122.66	....	144.68	142.01
10	....	114.35	109.34	....	117.44	108.86	....	103.80	121.66	....	142.43	141.36
11	115.26	114.02	109.07	....	118.54	110.56	....	103.48	....	135.80	143.46	....
12	115.24	113.83	108.27	114.98	118.40	....	110.80	103.32	....	135.52	141.03	....
13	113.84	....	....	114.74	117.34	....	110.80	104.92	123.54	137.16	....	142.17
14	114.88	....	....	114.75	117.18	109.38	111.90	....	124.28	134.22	....	139.06
15	115.31	Holiday	109.46	115.34	....	109.18	111.84	....	125.20	133.14	138.24	136.84
16	....	113.89	108.76	115.84	....	108.48	112.42	104.68	124.40	....	136.73	137.01
17	....	113.37	108.61	....	115.96	107.32	....	110.58	123.12	....	139.34	139.39
18	116.69	113.61	110.14	....	115.28	107.10	....	112.28	....	137.22	139.54	....
19	115.37	113.15	110.22	115.78	114.30	....	111.92	110.32	....	136.74	137.92	....
20	114.87	....	....	114.34	114.18	....	113.08	114.46	123.40	140.00	....	137.69
21	115.57	....	....	114.81	114.68	107.18	112.60	....	125.66	139.52	....	140.95
22	115.16	110.72	112.72	116.29	....	108.58	112.52	....	124.50	139.37	135.08	140.46
23	....	110.81	113.15	118.05	....	110.64	112.22	118.06	124.52	....	133.99	141.31
24	....	113.07	112.35	....	114.50	109.84	....	117.48	123.96	....	135.31	Holiday
25	115.44	112.64	112.47	....	113.88	108.82	....	118.68	....	133.47	Holiday	....
26	115.05	112.63	111.01	118.59	112.74	....	111.46	119.20	....	135.59	136.36	....
27	115.82	....	....	117.26	112.36	....	110.48	117.72	124.40	136.13	....	144.36
28	119.06	....	....	116.33	111.40	110.04	108.74	....	123.68	134.43	....	142.69
29	120.04	....	111.49	115.13	....	110.00	108.90	....	121.90	134.87	135.48	143.31
30	....	....	111.66	115.33	....	109.56	108.16	118.76	120.32	....	140.34	142.14
31	....	....	111.20	....	Holiday	....	....	120.86	....	....	....	142.17

STANDARD & POOR'S DAILY STOCK PRICE INDEX
S & P 100 (DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	137.40	133.67	133.75	129.43	....	121.81	116.71	....	122.68
2	138.47	129.43	134.65	137.19	....	131.89	128.24	....	122.07	118.98	121.14	120.77
3	....	131.06	132.79	136.25	....	132.42	Holiday	128.99	119.38	....	121.76	121.60
4	....	131.22	133.28	....	131.89	132.67	....	129.99	118.36	....	121.68	122.62
5	140.38	132.43	132.13	....	131.26	134.24	....	131.74	....	118.82	119.75	....
6	141.14	133.44	132.00	134.49	131.64	...	126.94	131.19	....	117.80	118.80	....
7	138.02	....	....	134.61	132.65	....	127.67	130.26	Holiday	120.06	....	121.40
8	135.76	....	....	135.22	132.47	133.97	127.71	....	116.54	121.11	....	120.84
9	135.86	131.97	133.59	136.00	....	133.31	128.33	....	116.91	120.19	119.91	121.67
10	....	131.99	132.60	135.77	....	133.41	128.19	130.99	118.97	....	119.20	121.80
11	....	131.10	131.81	....	130.10	135.02	....	132.28	120.55	....	119.63	120.55
12	135.77	130.09	135.35	....	131.82	134.86	....	131.34	....	119.52	119.65	....
13	136.02	129.41	134.32	134.36	131.05	....	127.93	131.18	....	118.92	118.02	....
14	135.77	....	....	134.04	131.90	....	128.26	130.03	119.27	116.76	....	118.54
15	136.07	....	....	135.63	133.00	135.07	128.20	....	118.30	117.65	....	118.87
16	136.73	Holiday	136.37	135.87	....	133.34	128.63	....	117.63	116.81	116.99	118.37
17	....	130.57	135.36	Holiday	....	134.78	128.96	128.57	115.72	....	118.03	119.37
18	....	131.12	135.88	....	133.43	132.55	....	127.78	115.12	....	116.76	120.30
19	136.57	129.02	134.78	....	133.10	133.22	....	128.24	....	116.66	117.16	....
20	133.31	129.30	135.46	137.15	132.91	....	126.90	128.35	....	117.84	118.15	....
21	133.25	....	....	135.74	132.76	....	126.46	126.92	116.51	117.67	....	120.00
22	132.24	....	....	135.89	131.91	132.78	125.34	....	115.81	117.25	....	119.50
23	132.21	130.35	137.50	135.78	...	134.08	125.56	....	114.95	116.27	117.61	118.83
24	....	130.45	136.22	137.17	....	133.33	127.15	123.42	114.16	....	120.02	119.16
25	....	132.17	138.81	....	Holiday	133.21	....	123.40	112.25	....	120.43	Holiday
26	132.34	133.51	137.97	....	134.01	132.82	....	123.22	....	115.87	Holiday	....
27	133.88	134.24	135.84	137.42	135.24	....	128.62	121.92	....	116.71	121.66	....
28	132.62	....	....	135.85	134.73	....	127.86	122.51	115.72	116.41	....	119.03
29	132.61	....	....	134.33	133.93	131.85	127.80	....	115.36	115.91	....	118.34
30	132.10	....	135.43	133.87	....	130.94	128.73	....	115.84	119.01	122.77	119.24
31	....	....	136.74	....	....	....	129.71	120.85	....	....	....	119.53

STANDARD & POOR'S DAILY STOCK PRICE INDEX
S & P 100 (DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	118.13	....	106.13	109.46	....	117.45	125.40	Holiday	129.94	....	138.18
2	108.44	....	....	106.68	109.59	113.56	118.34	....	127.71	130.57	....	138.41
3	108.32	....	114.63	106.00	....	113.24	120.25	....	130.14	131.86	131.51	137.92
4	109.69	116.96	115.31	Holiday	....	115.78	Holiday	125.10	129.25	....	Holiday	137.68
5	....	117.62	113.36	....	110.68	115.60	....	124.75	128.61	....	133.83	134.90
6	....	118.64	111.06	....	110.04	116.08	....	125.72	....	134.23	131.03	....
7	109.88	118.14	109.22	103.63	110.70	....	121.16	127.55	....	133.21	131.58	....
8	113.00	119.56	....	104.77	109.37	....	120.52	127.42	126.14	134.29	....	131.98
9	112.40	....	....	107.10	107.79	116.39	120.67	....	127.29	133.54	....	131.73
10	113.61	....	109.65	107.56	....	117.58	119.67	....	127.86	132.36	132.03	129.46
11	113.29	118.74	110.99	106.92	....	119.10	121.03	129.17	128.79	....	133.47	128.79
12	....	120.25	109.91	....	108.24	118.82	....	127.96	128.30	....	136.75	130.76
13	....	120.67	108.77	....	110.01	118.86	....	127.26	....	134.58	138.37	....
14	113.29	118.78	108.62	105.96	110.29	....	123.87	129.81	....	134.16	138.62	....
15	114.47	117.84	....	105.89	109.90	....	122.87	130.21	128.59	136.23	....	130.54
16	114.28	....	....	104.49	110.36	119.32	123.20	....	129.28	133.99	....	132.38
17	113.88	....	105.81	104.25	....	118.89	125.28	....	131.97	133.39	139.44	134.36
18	114.16	Holiday	108.05	103.57	....	119.14	125.38	127.40	131.42	....	141.23	134.00
19	....	117.30	107.81	....	110.72	117.10	....	126.70	132.42	....	140.58	135.24
20	....	119.34	106.52	....	110.69	116.70	....	128.01	....	134.60	142.02	....
21	115.32	117.63	105.81	103.00	110.82	....	125.98	129.83	....	133.41	140.69	....
22	114.57	117.46	....	107.12	112.37	....	125.38	130.13	133.86	133.34	....	137.65
23	117.11	....	....	107.39	114.26	117.44	125.18	....	132.27	130.63	....	136.95
24	116.82	....	102.55	108.01	....	117.91	124.93	....	133.11	131.25	140.68	137.99
25	116.46	115.69	102.80	109.34	....	119.60	123.87	129.16	131.11	....	141.10	Holiday
26	....	116.81	102.05	....	Holiday	118.99	....	128.64	128.90	....	141.24	138.90
27	....	114.58	103.28	....	114.54	118.57	....	127.09	....	129.08	Holiday	....
28	117.63	114.68	105.22	109.80	115.31	....	125.15	125.79	....	129.53	141.54	....
29	116.70	116.01	....	109.91	113.09	....	126.46	126.19	126.25	129.30	....	137.29
30	118.11	....	....	110.31	114.07	116.59	126.38	....	128.28	127.77	....	137.61
31	116.60	....	106.52	....	....	....	125.93	....	....	129.65	....	137.65

STANDARD & POOR'S DAILY STOCK PRICE INDEX
S & P 100 (DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	110.09	105.95	....	110.42	106.74	....	109.97	....	113.24	107.93	....
2	106.88	109.47	105.75	110.01	110.56	....	108.39	109.84	....	114.36	107.72	....
3	107.87	....	....	111.84	110.73	....	108.45	109.69	Holiday	114.18	....	110.01
4	108.65	....	....	111.99	109.30	106.99	Holiday	....	112.55	114.71	....	111.16
5	109.10	107.82	107.14	112.78	....	108.48	108.76	....	111.92	115.88	107.02	111.56
6	....	107.71	106.81	112.44	....	109.20	110.11	110.15	111.93	....	106.32	112.36
7	....	106.85	107.47	....	107.60	109.64	....	111.82	112.81	....	104.88	111.66
8	108.85	107.19	108.81	....	108.05	109.23	....	111.97	....	114.34	105.34	....
9	109.47	107.47	108.68	112.11	108.15	....	110.68	111.49	....	111.37	106.59	....
10	108.67	....	....	112.62	106.95	....	110.27	112.63	113.15	110.92	....	111.74
11	109.62	....	....	111.31	106.96	109.81	109.38	....	112.25	110.11	....	111.44
12	110.54	108.03	109.02	110.95	....	110.66	106.31	....	112.64	109.35	108.73	111.22
13	....	108.93	109.10	Holiday	....	109.85	107.75	113.68	112.73	....	107.80	111.41
14	....	108.59	108.97	....	106.44	109.60	....	113.70	114.05	....	108.08	112.82
15	111.72	108.60	108.92	....	106.40	109.50	....	114.80	....	108.30	108.70	....
16	110.04	108.29	109.97	110.17	106.68	....	108.11	114.33	....	107.89	108.23	....
17	110.05	....	....	110.20	108.56	....	106.85	114.47	114.10	107.95	....	112.96
18	110.34	....	....	110.72	108.43	108.52	107.14	....	113.17	108.00	....	111.54
19	109.93	Holiday	110.38	109.89	....	108.68	106.83	....	113.45	105.73	108.48	111.59
20	....	109.32	109.77	109.83	....	108.83	107.13	115.06	116.37	....	107.62	111.71
21	....	108.86	110.88	....	108.68	109.39	....	115.01	116.05	....	107.90	110.94
22	110.43	107.78	111.22	....	109.19	109.84	....	114.91	....	105.34	Holiday	....
23	111.02	107.01	110.79	110.33	108.01	....	106.95	114.26	....	105.13	108.80	....
24	110.36	....	....	110.81	108.02	....	107.39	114.20	114.93	105.23	....	111.30
25	111.63	....	....	111.13	108.32	109.18	108.74	....	115.21	104.77	....	Holiday
26	112.47	106.90	110.04	110.39	....	108.52	108.61	....	115.09	105.53	111.27	111.45
27	....	105.00	112.09	110.17	....	109.09	108.58	114.69	115.10	....	110.67	111.53
28	....	105.19	111.50	....	Holiday	109.59	....	114.49	113.95	....	111.20	111.16
29	111.91	....	111.30	....	108.03	109.42	....	114.45	....	105.62	111.21	....
30	111.39	....	110.63	110.31	106.83	....	108.72	114.42	....	108.06	110.54	....
31	109.72	....	....	....	106.81	....	109.39	114.77	....	106.90	....	111.04

STANDARD & POOR'S DAILY STOCK PRICE INDEX
S & P 100 (DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	96.51	93.16	....	105.01	104.09	....	108.56	112.04	....	106.70	105.58
2	Holiday	96.49	93.24	....	104.34	105.17	....	112.00	....	111.16	105.12	....
3	100.24	95.72	93.28	93.92	103.10	....	101.79	112.29	....	110.60	105.46	....
4	100.03	....	....	94.46	102.82	....	Holiday	112.85	Holiday	111.47	....	105.46
5	98.93	....	....	95.41	103.49	107.53	101.04	....	113.32	111.40	....	107.07
6	98.06	95.74	92.69	95.51	....	107.77	101.23	....	114.27	111.60	104.04	107.05
7	....	96.76	93.38	95.90	....	107.46	102.01	112.22	114.19	....	102.63	106.40
8	....	97.35	93.84	....	102.98	107.42	....	112.88	116.02	....	103.50	105.68
9	97.30	96.61	93.81	....	102.70	107.04	....	113.23	....	113.15	103.22	....
10	96.72	96.32	94.91	96.25	102.75	....	102.61	112.15	....	112.66	103.37	....
11	96.08	....	....	95.99	104.53	....	103.04	112.41	115.95	114.50	....	106.49
12	96.35	....	....	95.70	105.14	106.63	103.32	....	116.08	113.57	....	105.91
13	96.15	96.12	94.82	96.87	....	107.08	103.30	....	114.86	113.23	101.39	105.16
14	....	95.21	95.24	99.16	....	106.58	105.18	112.14	113.19	....	101.10	105.43
15	....	95.17	94.92	....	106.08	105.26	....	112.22	112.00	....	101.18	104.80
16	96.01	94.32	95.54	....	106.58	104.17	....	113.33	....	110.84	102.53	....
17	96.59	94.11	96.36	101.21	106.64	....	105.22	113.63	....	109.64	103.21	....
18	97.31	....	....	100.02	105.50	....	104.11	113.01	110.99	109.07	....	102.73
19	96.62	....	....	100.56	104.93	104.52	105.84	....	110.48	107.65	....	103.95
20	96.22	Holiday	96.83	101.23	....	103.34	105.52	....	109.52	106.64	104.16	104.43
21	....	93.89	95.36	100.87	....	103.12	105.01	112.09	109.77	....	103.75	104.31
22	....	93.59	95.14	....	106.20	103.44	....	112.78	109.65	....	104.45	106.55
23	95.33	93.91	94.98	....	104.67	102.85	....	113.53	....	107.21	Holiday	....
24	95.38	94.69	Holiday	102.88	103.82	....	104.98	113.71	....	106.23	104.75	....
25	95.49	....	....	103.68	103.58	....	105.93	113.51	109.73	106.08	....	Holiday
26	94.51	....	....	104.02	103.38	101.53	106.73	....	110.48	104.87	....	108.25
27	94.68	93.81	94.45	102.83	....	102.14	107.31	....	109.26	103.23	105.21	106.90
28	....	93.06	95.25	104.05	....	102.63	107.82	112.45	109.82	....	104.02	106.57
29	....	....	95.28	....	Holiday	102.65	....	111.63	110.41	....	102.47	105.97
30	95.79	....	94.97	....	103.74	102.32	....	111.74	....	104.46	103.72	....
31	95.63	....	94.58	....	103.95	....	108.53	111.42	....	101.64	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
400 INDUSTRIAL (DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	131.58	125.80	126.35	....	124.81	121.38	....	132.07	136.19	151.19	154.87
2	....	131.80	124.90	127.90	....	125.13	120.14	122.02	134.54	....	153.38	154.96
3	....	129.94	122.78	....	129.89	124.90	....	120.54	137.40	....	159.60	154.78
4	137.28	129.94	121.51	....	130.66	122.89	....	118.53	....	135.54	158.42	....
5	134.17	130.83	120.83	127.43	130.92	....	Holiday	117.39	....	136.06	158.65	....
6	133.16	....	....	128.23	132.09	....	119.88	115.69	Holiday	140.68	....	158.53
7	132.93	....	....	128.21	133.03	123.00	119.96	....	135.92	143.82	....	159.66
8	133.56	127.80	118.41	129.06	....	122.45	120.32	....	136.95	146.21	156.70	158.67
9	....	126.71	120.26	Holiday	....	121.76	121.76	114.97	136.65	....	159.62	156.80
10	....	127.81	120.99	....	131.74	122.48	....	114.67	135.63	....	157.34	156.54
11	130.51	127.57	121.08	....	132.98	124.33	....	114.32	....	150.04	158.00	....
12	129.97	127.51	120.27	128.79	132.74	....	122.51	114.08	....	150.10	155.32	....
13	128.42	....	....	128.73	131.75	....	122.52	115.62	137.10	152.82	....	156.99
14	129.17	....	....	128.56	131.56	122.88	123.85	....	138.03	150.36	....	153.85
15	130.07	Holiday	121.43	129.24	....	122.58	123.95	....	139.39	149.27	152.35	151.47
16	....	127.21	121.26	129.77	....	121.58	124.69	115.74	138.73	....	150.69	151.52
17	....	126.74	121.02	....	130.08	120.13	....	121.23	137.32	....	153.55	153.97
18	131.01	126.86	122.43	....	129.23	119.86	....	120.56	....	152.90	153.98	....
19	129.59	126.11	122.74	129.53	128.17	....	124.25	121.54	....	152.56	152.54	....
20	128.79	....	....	128.04	127.82	....	125.12	125.90	137.29	155.69	....	152.54
21	129.34	....	....	128.34	128.13	119.88	124.90	....	139.97	155.48	....	155.25
22	128.88	123.97	125.27	130.12	....	121.18	124.87	....	138.86	154.94	149.34	155.43
23	....	123.81	126.07	131.91	....	123.38	124.52	129.58	138.60	....	147.89	156.47
24	....	126.08	125.34	....	128.13	122.92	....	128.57	138.02	....	149.03	Holiday
25	128.99	125.74	125.61	....	127.68	122.09	....	131.22	....	148.53	Holiday	....
26	128.74	125.61	124.14	132.63	126.28	....	123.64	132.32	....	150.06	150.24	....
27	129.36	....	....	131.20	125.77	....	122.69	130.75	138.35	151.00	....	159.35
28	132.98	....	....	130.37	124.95	123.44	120.74	....	137.84	149.07	....	157.71
29	134.61	....	124.65	129.07	....	123.29	120.71	....	135.91	149.09	149.49	158.32
30	....	....	124.63	129.41	....	122.42	119.95	131.49	134.45	....	154.65	157.20
31	....	....	124.23	....	Holiday	....	....	133.64	....	....	....	157.62

STANDARD & POOR'S DAILY STOCK PRICE INDEX
400 INDUSTRIAL (DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	154.86	150.46	149.31	145.95	....	138.27	131.17	....	140.70
2	155.10	143.73	150.12	154.54	....	147.31	144.67	....	138.88	133.77	138.77	139.11
3	....	145.56	148.24	153.56	....	147.48	Holiday	146.96	136.29	....	139.48	139.66
4	....	145.68	148.53	....	148.11	147.71	....	147.94	135.06	....	139.32	140.99
5	156.83	146.92	147.42	....	147.86	149.13	....	149.77	....	133.83	137.82	....
6	157.02	148.13	147.32	151.80	148.44	....	143.35	149.71	....	133.72	136.75	....
7	153.45	....	....	151.75	149.47	....	144.41	148.57	Holiday	135.81	....	139.76
8	151.09	....	....	152.18	149.36	149.00	144.41	....	132.71	137.02	....	139.29
9	151.72	146.55	148.86	152.53	....	148.66	145.56	....	133.18	135.97	137.23	140.20
10	....	146.56	147.95	152.27	....	148.77	145.52	149.42	135.15	....	136.39	140.51
11	....	145.44	147.36	....	146.94	150.22	....	150.74	136.73	....	136.56	139.61
12	151.69	144.54	151.11	....	148.10	149.83	....	150.15	....	135.64	136.74	....
13	151.50	144.11	150.86	150.78	147.66	....	145.77	150.29	....	135.10	134.94	....
14	151.73	....	....	150.23	148.46	....	145.95	149.03	135.66	132.85	....	137.18
15	152.60	....	....	151.89	149.49	149.60	146.61	....	134.49	133.89	....	137.45
16	153.20	Holiday	152.63	152.52	....	147.90	146.75	....	133.44	133.24	133.33	136.85
17	....	145.20	151.65	Holiday	....	149.47	147.24	147.62	131.34	....	134.47	137.71
18	....	145.98	151.92	....	149.83	147.64	....	146.44	130.19	....	133.37	138.67
19	152.64	143.80	151.03	....	149.22	148.46	....	146.89	....	132.98	134.01	....
20	149.40	143.75	151.78	153.48	149.18	....	145.01	147.17	....	134.48	135.19	....
21	149.10	....	....	152.04	148.93	....	144.65	145.45	131.26	134.26	....	137.95
22	147.90	....	....	151.91	148.32	148.05	143.20	....	130.53	133.73	....	137.43
23	147.95	144.61	153.82	151.65	....	149.69	143.56	....	129.39	132.52	135.13	136.80
24	....	144.60	152.64	153.07	....	148.99	144.75	141.18	128.49	....	137.44	137.09
25	....	146.03	155.60	....	Holiday	149.29	....	140.91	125.93	....	138.07	Holiday
26	147.51	147.90	154.63	....	150.04	149.04	....	140.63	....	132.00	Holiday	....
27	149.08	149.27	152.75	153.51	151.16	....	146.35	138.82	....	133.26	139.31	....
28	148.02	....	....	152.21	150.61	....	145.46	139.37	129.35	133.37	....	136.74
29	147.86	....	....	150.74	149.50	148.25	145.41	....	129.73	132.87	....	136.08
30	146.88	....	152.22	150.51	....	147.58	146.45	....	130.04	136.06	140.90	136.85
31	....	....	154.19	....	....	....	147.46	137.88	....	....	....	137.12

STANDARD & POOR'S DAILY STOCK PRICE INDEX
400 INDUSTRIAL (DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	130.15	....	115.15	118.52	....	129.23	137.27	Holiday	144.97	....	157.06
2	118.41	....	....	115.49	118.61	124.53	130.13	....	140.45	145.99	....	156.87
3	117.81	....	127.93	114.78	....	124.26	132.17	....	143.18	147.32	147.14	156.53
4	119.32	129.20	128.39	Holiday	....	126.78	Holiday	137.00	142.30	....	Holiday	156.12
5	....	129.59	126.56	....	119.38	126.91	....	136.75	141.71	....	149.94	153.19
6	....	130.88	123.71	....	119.07	127.37	....	137.77	....	150.13	147.13	....
7	119.63	131.62	121.58	112.45	119.93	....	133.18	139.93	....	149.16	147.50	....
8	122.24	133.70	....	113.63	118.69	....	132.62	140.26	139.88	150.00	....	149.17
9	122.30	....	....	115.88	117.10	127.97	132.86	....	140.79	149.21	....	149.03
10	123.31	....	121.06	116.83	....	129.00	131.59	....	141.64	148.29	147.92	146.23
11	123.34	132.79	122.47	116.43	....	130.68	132.69	141.73	142.71	....	149.82	145.27
12	....	133.83	121.42	....	117.21	129.98	....	140.48	142.57	....	153.62	147.49
13	....	134.47	119.84	....	119.06	130.17	....	139.88	....	150.51	155.85	....
14	123.92	132.41	119.50	115.45	119.64	....	135.31	142.31	....	150.50	156.72	....
15	124.91	130.94	....	115.29	119.79	....	134.44	142.86	142.67	152.64	....	147.68
16	124.89	....	....	113.69	120.29	130.51	134.83	....	143.86	150.84	....	149.10
17	124.56	....	115.81	113.06	....	130.43	137.06	....	146.41	150.00	157.54	151.66
18	125.04	Holiday	118.05	112.44	....	130.73	137.80	140.05	145.80	....	159.84	151.20
19	....	130.09	118.27	....	120.77	128.79	....	139.12	146.83	....	159.13	151.83
20	....	132.44	116.78	....	120.80	128.09	....	140.59	....	151.38	160.76	....
21	126.36	131.08	115.84	111.64	120.99	....	138.40	142.61	....	150.35	159.20	....
22	125.60	130.94	....	116.02	122.50	....	138.07	143.26	148.33	150.30	....	154.21
23	127.91	....	....	116.27	124.33	128.68	137.93	....	147.14	147.38	....	153.69
24	128.24	....	112.27	117.06	....	129.40	137.80	....	148.39	147.82	158.31	154.48
25	128.15	129.00	112.17	118.13	....	131.35	136.64	142.26	146.51	....	159.55	Holiday
26	....	129.86	111.40	....	Holiday	130.68	....	141.87	143.78	....	160.52	155.32
27	....	127.95	111.09	....	125.24	130.46	....	140.30	....	145.50	Holiday	....
28	129.75	127.94	113.91	118.73	126.03	....	137.51	138.55	....	145.80	160.96	....
29	128.85	129.28	....	119.03	123.92	....	138.68	138.89	140.49	145.64	....	153.64
30	130.23	....	....	119.54	125.03	128.34	138.41	....	142.82	143.72	....	154.04
31	128.99	....	115.31	....	....	....	137.77	....	....	145.16	....	154.45

STANDARD & POOR'S DAILY STOCK PRICE INDEX
400 INDUSTRIAL (DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	111.40	107.93	....	113.75	110.25	....	115.17	....	121.29	114.97	....
2	107.91	110.85	107.94	112.61	113.82	....	113.05	115.02	....	122.50	114.92	....
3	109.08	....	....	114.37	113.88	....	113.08	114.96	Holiday	122.53	....	118.34
4	109.92	....	....	114.63	112.56	110.40	Holiday	....	119.38	123.20	....	119.50
5	110.48	109.25	109.25	115.38	....	111.96	113.44	....	118.23	124.49	114.10	120.03
6	....	109.23	109.01	115.24	....	112.72	114.77	115.33	118.80	....	113.38	120.91
7	....	108.23	109.67	....	110.62	113.23	....	116.88	119.83	....	111.86	120.31
8	110.08	108.81	110.95	....	110.81	112.87	....	117.25	....	122.93	112.36	....
9	110.69	109.10	110.88	114.85	111.09	....	115.68	116.71	....	119.35	113.72	....
10	110.02	....	....	115.34	109.96	....	115.40	117.75	120.42	118.02	....	120.51
11	110.46	....	....	114.10	109.92	113.41	114.66	....	119.64	117.66	....	120.36
12	111.41	109.50	111.11	113.72	....	114.39	113.55	....	120.07	116.95	116.12	120.49
13	....	110.36	111.29	Holiday	....	113.61	113.13	118.91	120.12	....	115.34	120.75
14	....	110.22	111.18	....	109.40	113.51	....	118.98	121.25	....	115.90	122.30
15	112.30	110.08	111.36	....	109.45	113.34	....	119.89	....	115.73	116.74	....
16	110.84	110.00	112.39	112.75	109.74	....	113.58	119.70	....	115.49	116.37	....
17	110.87	....	....	112.87	111.48	....	112.50	120.01	121.31	115.71	....	122.78
18	111.10	....	....	113.46	111.42	112.68	112.40	....	120.38	116.00	....	121.51
19	111.13	Holiday	112.79	112.93	....	112.70	112.32	....	120.76	113.77	116.91	121.35
20	....	110.90	112.14	112.90	....	112.73	112.57	120.66	123.56	....	116.20	121.39
21	....	110.51	113.03	....	111.62	113.30	....	120.73	123.46	....	116.43	120.59
22	111.41	109.64	113.54	....	112.04	113.94	....	120.83	....	112.82	Holiday	....
23	112.19	108.96	113.43	113.36	111.21	....	112.31	120.41	....	112.36	117.32	....
24	111.62	....	....	114.13	111.27	....	112.80	120.44	122.40	112.57	....	120.70
25	112.82	....	....	114.57	111.57	113.29	114.10	....	122.53	111.99	....	Holiday
26	113.64	108.87	112.77	114.05	....	112.75	114.08	....	122.83	112.59	119.65	120.83
27	....	107.06	114.49	113.82	....	113.40	114.03	121.11	123.15	....	118.91	121.04
28	....	107.26	114.03	....	Holiday	113.99	....	120.99	122.09	....	119.30	120.88
29	113.29	....	113.91	....	111.35	114.14	....	121.05	....	112.76	119.39	....
30	112.70	....	113.38	113.83	110.23	....	114.07	121.14	....	115.08	118.69	....
31	111.32	....	....	....	110.19	....	114.77	121.57	....	114.07	....	121.02

STANDARD & POOR'S DAILY STOCK PRICE INDEX
400 INDUSTRIAL (DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	99.12	95.88	....	107.92	107.60	....	111.31	114.84	....	107.76	106.96
2	Holiday	99.30	96.02	....	107.43	108.48	....	113.98	....	114.22	106.30	....
3	103.22	98.66	96.16	97.20	106.27	....	104.97	114.51	....	113.75	107.05	....
4	102.91	....	....	97.65	105.92	....	Holiday	114.95	Holiday	114.33	....	106.80
5	101.97	....	....	98.56	106.64	110.65	104.02	....	115.82	114.57	....	108.30
6	100.80	98.51	95.52	98.72	....	110.99	104.06	....	116.85	114.84	105.81	108.34
7	....	99.49	96.06	99.17	....	110.75	104.76	114.46	116.88	....	104.27	107.81
8	....	100.01	96.53	....	106.23	110.87	....	115.03	118.48	....	105.05	107.26
9	99.80	99.40	96.64	....	105.92	110.52	....	115.53	....	116.09	104.98	....
10	99.27	99.12	97.76	99.54	105.96	....	105.23	114.57	....	115.90	105.32	....
11	98.75	....	....	99.27	107.48	....	105.96	114.99	118.67	116.96	....	107.87
12	99.89	....	....	99.08	108.44	110.07	106.30	....	118.71	116.29	....	107.31
13	98.74	98.91	97.84	100.03	....	110.15	106.34	....	117.94	116.06	103.42	106.65
14	....	98.01	98.30	102.33	....	109.95	107.90	114.99	116.51	....	102.73	106.71
15	....	97.79	97.98	....	109.31	108.70	....	114.87	115.39	....	102.94	105.93
16	98.44	96.95	98.46	....	109.98	107.64	....	115.82	....	113.68	104.09	....
17	98.96	96.81	99.26	104.13	110.31	....	108.09	116.28	....	112.21	104.88	....
18	99.73	....	....	102.97	109.11	....	106.98	115.85	114.36	111.37	....	103.83
19	99.16	....	....	103.38	108.52	107.78	108.44	....	113.56	110.07	....	104.68
20	98.94	Holiday	99.93	104.10	....	106.65	108.30	....	112.63	108.58	105.81	105.45
21	....	96.43	98.72	103.82	....	106.13	106.04	114.95	112.86	....	105.50	105.49
22	....	96.38	98.34	....	109.70	106.41	....	115.49	112.81	....	106.04	107.40
23	98.20	96.48	98.19	....	108.47	105.90	....	116.18	....	108.91	Holiday	....
24	98.23	97.39	Holiday	105.53	107.38	....	107.99	116.38	....	108.08	106.39	....
25	98.39	....	....	106.55	107.03	....	106.82	116.27	112.85	107.92	....	Holiday
26	94.47	....	....	106.80	106.78	104.49	109.55	....	112.73	106.55	....	108.89
27	97.51	96.49	97.63	105.71	....	104.92	110.09	....	112.62	104.93	106.67	107.85
28	....	95.74	98.35	106.94	....	105.40	110.61	115.17	112.99	....	105.64	107.41
29	....	....	98.49	....	Holiday	105.57	....	114.51	113.72	....	104.01	107.21
30	98.44	....	98.24	....	107.08	105.53	....	114.63	....	105.61	105.16	....
31	98.35	....	98.02	....	107.51	....	111.39	114.38	....	103.42	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 FINANCIAL (DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	14.22	14.46	14.38	....	12.71	12.43	....	13.29	14.22	16.59	17.49
2	....	14.30	14.49	14.51	....	12.84	12.28	12.16	13.36	....	16.90	17.56
3	....	14.19	14.41	....	14.35	12.84	....	12.14	13.49	....	17.59	17.56
4	14.49	14.22	14.41	....	14.36	12.58	....	12.03	....	14.25	17.59	....
5	14.16	14.45	14.40	14.48	14.35	....	Holiday	11.93	....	14.37	17.73	....
6	14.11	....	....	14.50	14.39	....	12.02	11.71	Holiday	14.92	....	17.83
7	14.07	....	....	14.58	14.40	12.50	11.80	....	13.33	15.35	....	17.84
8	14.18	14.26	14.22	14.73	....	12.43	11.83	....	13.43	15.80	17.54	17.61
9	....	14.12	14.21	Holiday	....	12.34	11.95	11.66	13.40	....	17.94	17.17
10	....	14.21	14.21	....	14.32	12.38	....	11.62	13.21	....	17.83	16.72
11	13.91	14.11	14.05	....	14.41	12.63	....	11.65	....	16.30	18.05	....
12	13.88	14.07	13.86	14.66	14.33	....	12.12	11.55	....	16.23	17.97	....
13	13.67	....	....	14.66	14.02	....	11.97	11.75	13.35	16.34	....	16.73
14	13.72	....	....	14.62	13.97	12.46	11.93	....	13.54	16.03	....	16.49
15	13.77	Holiday	13.73	14.61	....	12.46	11.89	....	13.88	15.85	17.70	16.02
16	....	13.99	13.69	14.63	....	12.43	11.92	11.83	13.89	....	17.43	16.09
17	....	13.99	13.68	....	13.84	12.34	....	12.46	13.79	....	17.72	16.49
18	13.89	14.07	13.84	....	13.64	12.20	....	12.53	....	16.28	17.77	....
19	13.82	14.07	13.94	14.70	13.48	....	11.92	12.35	....	16.45	17.51	....
20	13.74	....	....	14.63	13.44	....	12.14	12.80	13.76	16.78	....	16.36
21	13.79	....	....	14.71	13.45	12.08	12.27	....	14.07	16.85	....	16.62
22	13.78	14.10	14.14	14.76	....	12.21	12.44	....	14.00	16.97	17.14	16.68
23	....	14.13	14.35	14.76	....	12.36	12.35	13.07	13.98	....	16.99	16.80
24	....	14.35	14.33	....	13.34	12.45	....	13.04	13.99	....	17.07	Holiday
25	13.73	14.37	14.39	....	13.29	12.39	....	13.22	....	16.37	Holiday	....
26	13.71	14.39	14.24	14.74	13.07	....	12.23	13.34	....	16.50	17.19	....
27	13.81	....	....	14.55	12.98	....	12.15	13.14	14.11	16.59	....	17.03
28	14.22	....	....	14.42	12.84	12.44	11.95	....	14.16	16.43	....	16.82
29	14.51	....	14.15	14.30	....	12.43	11.95	....	14.06	16.48	17.05	16.75
30	....	....	14.14	14.37	....	12.49	11.87	13.14	14.01	....	17.45	16.61
31	....	....	14.17	....	Holiday	....	....	13.33	....	....	....	16.58

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 FINANCIAL (DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	14.51	14.41	15.35	15.19	....	13.92	13.88	....	15.32
2	13.69	13.25	13.86	14.43	....	15.22	15.02	....	13.92	14.09	15.01	15.14
3	....	13.44	13.85	14.35	....	15.23	Holiday	14.61	13.69	....	15.09	15.16
4	....	13.46	13.89	....	14.22	15.33	....	14.50	13.56	....	15.12	15.29
5	13.91	13.53	13.81	....	14.10	15.55	....	14.58	....	14.24	15.07	....
6	14.13	13.51	13.84	14.14	14.07	....	14.77	14.58	....	14.13	15.05	....
7	13.97	....	....	14.18	14.17	....	14.82	14.55	Holiday	14.45	....	15.14
8	13.82	....	....	14.25	14.20	15.63	14.86	....	13.30	14.58	....	15.09
9	13.79	13.49	13.95	14.35	....	15.61	14.93	....	13.36	14.53	15.22	15.02
10	....	13.54	13.98	14.40	....	15.89	14.98	14.63	13.61	....	15.27	14.99
11	....	13.44	13.91	....	14.14	16.24	....	14.89	13.91	....	15.41	14.90
12	13.80	13.39	14.19	....	14.20	16.29	....	14.89	....	14.60	15.49	....
13	13.72	13.22	14.26	14.30	14.31	....	15.03	14.87	....	14.59	15.36	....
14	13.66	....	....	14.28	14.39	....	14.91	14.79	13.80	14.32	....	14.63
15	13.62	....	....	14.45	14.50	16.56	14.90	....	13.79	14.43	....	14.66
16	13.65	Holiday	14.48	14.42	....	16.42	14.82	....	13.72	14.46	15.13	14.59
17	....	13.22	14.50	Holiday	....	16.38	14.80	14.64	13.63	....	15.23	14.56
18	....	13.32	14.72	....	14.67	15.99	....	14.55	13.69	....	15.18	14.63
19	13.62	13.15	14.77	....	14.84	15.93	....	14.55	....	14.44	15.18	....
20	13.39	13.17	14.81	14.44	14.79	....	14.44	14.54	....	14.49	15.24	....
21	13.35	....	....	14.34	14.77	....	14.25	14.41	13.88	14.50	....	14.58
22	13.18	....	....	14.44	14.81	15.88	14.12	....	13.84	14.44	....	14.52
23	13.21	13.35	14.85	14.58	....	16.00	14.12	....	13.81	14.32	15.15	14.44
24	....	13.40	14.65	14.82	....	15.84	14.29	14.07	13.85	....	15.26	14.42
25	....	13.52	14.71	....	Holiday	15.73	....	13.97	13.62	....	15.35	Holiday
26	13.24	13.65	14.54	....	14.85	15.64	....	13.99	....	14.28	Holiday	....
27	13.30	13.78	14.30	14.86	15.11	....	14.51	13.94	....	14.44	15.42	....
28	13.33	....	....	14.73	15.24	....	14.43	14.11	13.77	14.43	....	14.44
29	13.32	....	....	14.51	15.27	15.54	14.44	....	13.80	14.41	....	14.39
30	13.34	....	14.32	14.48	....	15.37	14.50	....	13.85	14.75	15.39	14.38
31	....	....	14.49	....	....	....	14.67	13.92	....	....	....	14.47

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 FINANCIAL (DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	12.59	....	11.15	11.66	....	12.94	12.87	Holiday	12.88	....	12.35
2	12.39	....	....	11.45	11.68	12.38	12.98	....	13.04	13.06	....	12.33
3	12.27	....	11.24	11.46	....	12.35	13.09	....	13.33	13.23	12.56	12.35
4	12.41	12.53	11.23	Holiday	....	12.55	Holiday	12.92	13.33	....	Holiday	12.53
5	....	12.50	10.99	....	11.96	12.60	....	12.93	13.27	....	12.64	12.49
6	....	12.44	10.75	....	12.15	12.67	....	12.99	....	13.42	12.39	....
7	12.48	12.36	10.70	11.31	12.38	....	13.14	13.10	....	13.43	12.39	....
8	12.64	12.28	....	11.45	12.27	....	13.10	13.11	13.14	13.44	....	12.35
9	12.66	....	....	11.56	12.08	12.74	13.05	....	13.29	13.45	....	12.36
10	12.75	....	10.63	11.74	....	12.93	12.99	....	13.39	13.41	12.37	12.29
11	12.79	12.21	10.86	11.77	....	12.99	13.07	13.22	13.48	....	12.60	12.17
12	....	12.23	10.79	....	12.08	13.04	....	13.14	13.46	....	12.93	12.32
13	....	12.23	10.79	....	12.15	13.12	....	13.09	....	13.42	13.04	....
14	12.83	12.16	10.88	11.59	12.24	....	13.24	13.19	....	13.39	12.96	....
15	12.81	12.04	....	11.51	12.33	....	13.16	13.21	13.43	13.37	....	12.48
16	12.69	....	....	11.54	12.33	13.02	13.22	....	13.48	13.20	....	12.60
17	12.56	....	10.57	11.44	....	12.96	13.28	....	13.63	13.12	12.82	12.84
18	12.59	Holiday	10.67	11.44	....	12.91	13.26	13.06	13.65	....	12.87	13.16
19	....	11.91	10.66	....	12.30	12.91	....	12.94	13.76	....	12.79	13.42
20	....	11.94	10.62	....	12.22	12.88	....	12.98	....	13.05	12.81	....
21	12.62	11.69	10.59	11.34	12.16	....	13.25	13.11	....	12.97	12.67	....
22	12.63	11.49	....	11.60	12.25	....	13.14	13.15	13.75	12.95	....	13.68
23	12.83	....	....	11.68	12.42	12.94	13.01	....	13.66	12.80	....	13.68
24	12.77	....	10.39	11.73	....	13.00	12.94	....	13.62	12.77	12.58	13.63
25	12.74	11.32	10.45	11.66	....	13.11	12.81	13.08	13.40	....	12.62	Holiday
26	....	11.32	10.56	....	Holiday	13.07	....	13.05	13.11	....	12.58	13.67
27	....	11.19	10.41	....	12.45	13.06	....	12.98	....	12.61	Holiday	....
28	12.77	11.14	10.66	11.76	12.45	....	12.81	12.88	....	12.57	12.53	....
29	12.67	11.34	....	11.74	12.30	....	12.91	12.89	12.86	12.54	....	13.52
30	12.70	....	....	11.74	12.43	12.94	12.91	....	12.92	12.40	....	13.55
31	12.55	....	10.96	....	....	....	12.90	....	....	12.49	....	13.70

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 FINANCIAL (DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	11.59	11.15	....	11.86	12.01	....	13.31	....	13.18	11.90	....
2	11.23	11.55	11.21	11.77	11.84	....	12.88	13.41	....	13.28	11.91	....
3	11.39	....	....	11.88	11.90	....	12.95	13.38	Holiday	13.23	....	12.44
4	11.53	....	....	11.91	11.87	12.02	Holiday	....	13.47	13.28	....	12.55
5	11.66	11.33	11.35	11.95	....	12.16	13.02	....	13.33	13.40	11.86	12.58
6	....	11.35	11.37	11.96	....	12.23	13.18	13.31	13.34	....	11.79	12.65
7	....	11.21	11.45	....	11.65	12.31	....	13.52	13.35	....	11.65	12.63
8	11.66	11.27	11.68	....	11.70	12.26	....	13.54	....	13.15	11.71	....
9	11.76	11.25	11.65	11.98	11.75	....	13.28	13.46	....	12.59	11.89	....
10	11.69	....	....	12.16	11.67	....	13.12	13.59	13.43	12.36	....	12.59
11	11.70	....	....	12.08	11.68	12.24	13.15	....	13.38	12.30	....	12.53
12	11.79	11.24	11.63	12.05	....	12.47	13.05	....	13.32	12.26	12.06	12.45
13	....	11.31	11.66	Holiday	....	12.53	12.98	13.75	13.33	....	12.03	12.39
14	....	11.35	11.62	....	11.62	12.52	....	13.81	13.41	....	12.02	12.41
15	11.90	11.31	11.64	....	11.66	12.54	....	13.85	....	12.03	12.06	....
16	11.72	11.30	11.63	11.92	11.73	....	13.06	13.87	....	12.10	11.99	....
17	11.71	....	....	11.96	11.85	....	12.95	13.83	13.45	12.12	....	12.46
18	11.74	....	....	12.00	11.84	12.54	12.89	....	13.34	12.10	....	12.39
19	11.72	Holiday	11.69	11.97	...	12.58	12.85	....	13.34	11.83	11.99	12.39
20	....	11.36	11.64	11.97	....	12.62	12.89	13.90	13.43	....	11.97	12.45
21	....	11.30	11.75	....	11.92	12.66	....	13.89	13.47	....	11.97	12.42
22	11.64	11.22	11.81	....	12.03	12.71	....	13.88	....	11.72	Holiday	....
23	11.74	11.18	11.83	11.99	12.09	....	12.86	13.90	....	11.69	12.05	....
24	11.70	....	....	12.06	12.07	....	12.86	13.81	13.43	11.73	....	12.45
25	11.81	....	....	12.03	12.10	12.67	12.98	....	13.43	11.71	....	Holiday
26	11.85	11.18	11.75	11.96	....	12.70	13.00	....	13.46	11.77	12.42	12.50
27	....	11.05	11.87	11.93	....	12.87	13.03	13.84	13.43	....	12.56	12.56
28	....	11.05	11.84	....	Holiday	13.02	....	13.82	13.34	....	12.67	12.57
29	11.76	....	11.86	....	12.06	13.05	....	13.75	....	11.77	12.65	....
30	11.73	....	11.84	11.88	11.96	....	13.08	13.69	....	11.95	12.52	....
31	11.61	....	....	....	11.94	....	13.21	13.68	....	11.88	....	12.57

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 FINANCIAL (DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	10.35	10.24	....	11.87	11.79	....	12.17	12.74	....	11.45	11.39
2	Holiday	10.40	10.28	....	11.80	11.89	....	12.41	....	12.52	11.30	....
3	11.00	10.37	10.29	10.53	11.64	....	11.50	12.64	....	12.53	11.29	....
4	10.91	....	....	10.57	11.61	....	Holiday	12.75	Holiday	12.53	....	11.39
5	10.87	....	....	10.66	11.70	12.11	11.40	....	12.80	12.56	....	11.55
6	10.64	10.37	10.22	10.73	....	12.23	11.44	....	12.94	12.63	11.28	11.59
7	....	10.42	10.27	10.74	....	12.22	11.45	12.80	12.94	....	11.14	11.62
8	....	10.50	10.32	....	11.71	12.22	....	12.88	13.11	....	11.10	11.57
9	10.52	10.49	10.34	....	11.69	12.21	....	13.04	....	12.77	11.14	....
10	10.45	10.50	10.45	10.80	11.67	....	11.49	12.94	....	12.83	11.21	....
11	10.44	....	....	10.76	11.84	....	11.54	12.90	13.18	12.97	....	11.57
12	10.41	....	....	10.79	12.06	12.21	11.58	....	13.16	12.97	....	11.49
13	10.35	10.45	10.47	11.02	....	12.17	11.58	....	13.12	12.90	11.04	11.50
14	....	10.35	10.49	11.21	....	12.22	11.79	12.92	12.98	....	10.94	11.48
15	....	10.35	10.50	....	12.07	12.06	....	12.88	12.82	....	10.98	11.37
16	10.29	10.22	10.53	....	12.19	11.95	....	13.02	....	12.62	11.08	....
17	10.41	10.20	10.61	11.39	12.22	....	11.86	13.12	....	12.43	11.19	....
18	10.51	....	....	11.24	12.16	....	11.80	13.11	12.71	12.31	....	11.09
19	10.48	....	....	11.40	12.08	11.90	11.93	....	12.62	12.14	....	11.12
20	10.42	Holiday	10.74	11.58	....	11.74	11.95	....	12.58	11.88	11.29	11.10
21	....	10.14	10.65	11.57	....	11.63	11.86	12.97	12.55	....	11.25	11.09
22	....	10.17	10.63	....	12.09	11.61	....	12.96	12.53	....	11.32	11.22
23	10.32	10.20	10.63	....	11.99	11.59	....	13.06	....	11.86	Holiday	....
24	10.33	10.33	Holiday	11.74	11.84	....	11.83	13.05	....	11.79	11.36	....
25	10.34	....	....	11.87	11.78	....	11.91	12.91	12.48	11.70	....	Holiday
26	10.24	....	....	11.93	11.72	11.37	11.99	....	12.54	11.49	....	11.32
27	10.23	10.28	10.55	11.73	....	11.44	12.02	....	12.43	11.30	11.33	11.25
28	....	10.18	10.67	11.73	....	11.51	12.02	12.83	12.43	....	11.27	11.23
29	....	....	10.72	....	Holiday	11.54	....	12.74	12.48	....	11.15	11.22
30	10.29	....	10.68	....	11.73	11.52	....	12.69	....	11.30	11.21	....
31	10.25	....	10.64	....	11.76	....	12.12	12.69	....	11.09	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 UTILITIES (DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	51.90	52.11	52.94	....	53.19	51.76	....	55.89	56.58	59.68	58.72
2	....	51.93	52.50	53.32	....	53.37	51.57	51.02	56.25	....	60.66	58.84
3	....	51.71	52.27	....	54.95	53.26	....	51.45	57.09	....	61.69	58.81
4	53.37	51.44	52.09	....	55.07	52.89	....	51.09	....	56.84	61.10	....
5	52.90	51.67	52.16	53.28	55.12	....	Holiday	50.74	....	56.86	61.40	....
6	52.49	....	....	53.22	55.67	....	51.40	50.62	Holiday	57.59	....	58.76
7	52.28	....	....	53.44	56.02	52.71	51.26	....	56.60	58.48	....	59.07
8	52.85	50.95	52.33	53.50	....	52.65	51.36	....	56.37	59.69	60.79	59.24
9	....	50.70	52.50	Holiday	....	52.29	51.98	50.31	56.18	....	61.49	58.98
10	....	51.03	52.57	....	55.86	52.46	....	50.39	55.69	....	61.13	58.87
11	51.65	51.06	52.21	....	55.90	52.84	....	50.54	....	60.98	61.07	....
12	51.32	51.25	52.03	53.72	55.88	....	52.60	50.89	....	60.56	60.50	....
13	50.72	....	....	54.03	55.64	....	52.43	51.73	55.93	60.91	....	58.95
14	50.90	....	....	54.15	55.38	52.52	52.22	....	56.42	60.39	....	59.16
15	51.18	Holiday	51.92	54.24	....	52.31	52.23	....	56.82	59.94	60.02	58.62
16	....	50.98	51.73	54.38	....	52.12	52.39	52.37	56.72	....	59.08	58.53
17	....	50.89	51.71	....	54.92	51.56	....	54.51	56.35	....	60.05	58.90
18	51.61	50.86	51.93	....	54.42	51.33	....	54.34	....	60.69	60.32	....
19	51.22	51.09	52.09	54.51	54.21	....	52.56	54.26	....	60.66	59.83	....
20	51.17	....	....	54.20	54.21	....	52.74	55.86	56.15	61.00	....	58.73
21	51.48	....	....	54.41	54.52	51.09	52.68	....	56.95	60.33	....	59.52
22	51.53	51.28	52.53	54.93	....	51.15	52.60	....	57.02	60.60	59.25	59.78
23	....	51.61	52.78	55.31	....	51.23	52.52	56.12	57.18	....	58.77	59.92
24	....	52.01	52.83	....	54.40	51.34	....	56.13	56.93	....	58.81	Holiday
25	51.37	52.04	52.94	....	54.35	51.20	....	56.43	....	59.26	Holiday	....
26	51.50	52.06	52.59	55.61	53.88	....	52.10	56.65	....	59.02	58.77	....
27	51.58	....	....	55.27	53.79	....	51.15	55.88	56.75	59.35	....	60.31
28	52.30	....	....	55.15	53.38	51.48	50.62	....	56.61	58.69	....	60.19
29	52.71	....	52.62	54.86	....	51.89	50.64	....	56.20	59.20	58.38	60.44
30	....	....	52.58	54.88	....	52.05	50.54	55.66	55.99	....	58.82	60.53
31	....	....	52.47	....	Holiday	....	....	56.18	....	....	....	60.45

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 UTILITIES (DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	51.51	50.13	51.11	51.74	....	52.59	50.23	....	54.58
2	52.90	50.40	49.64	51.61	....	50.51	51.49	....	52.59	50.86	53.54	54.17
3	....	50.48	49.53	51.43	....	50.19	Holiday	53.58	52.10	....	53.50	54.15
4	....	50.47	49.39	....	49.45	50.07	....	53.58	51.08	....	53.53	54.44
5	53.97	50.70	49.36	....	49.07	50.36	....	53.77	....	51.07	53.68	....
6	53.79	50.92	49.41	51.07	49.15	....	51.07	53.89	....	51.01	53.39	....
7	52.90	....	....	51.03	49.38	....	51.29	53.94	Holiday	51.73	....	54.21
8	52.47	....	....	51.06	49.61	50.64	51.68	....	50.28	51.86	....	54.19
9	52.11	50.80	49.68	51.09	....	50.66	51.78	....	50.48	51.74	54.46	54.03
10	....	50.49	49.77	51.04	....	51.62	52.18	54.55	51.05	....	54.66	53.99
11	....	50.10	49.69	....	49.60	52.55	....	55.72	51.76	....	54.48	53.93
12	52.28	49.95	50.42	....	50.23	52.74	....	55.73	....	51.51	55.08	....
13	51.92	49.41	50.66	50.42	50.72	....	52.44	55.75	....	51.54	55.05	....
14	51.91	....	....	50.24	51.03	....	52.19	55.56	51.29	50.97	....	53.34
15	52.12	....	....	50.69	51.14	53.98	52.59	....	51.36	51.21	....	53.23
16	52.27	Holiday	50.99	51.12	....	53.67	52.73	....	51.08	51.03	54.94	52.78
17	....	49.25	50.95	Holiday	....	53.43	53.06	55.09	50.78	....	54.94	52.82
18	....	49.31	51.09	....	51.12	52.94	....	54.33	50.57	....	54.86	53.40
19	52.52	48.96	50.95	....	50.87	53.05	....	54.58	....	51.08	54.69	....
20	52.12	49.14	51.05	51.38	50.75	....	52.35	54.52	....	51.61	54.90	....
21	52.01	....	....	51.37	50.39	....	52.04	54.21	50.99	51.56	....	53.09
22	51.49	....	....	51.07	50.58	53.11	51.86	....	51.09	51.43	....	53.26
23	51.00	49.20	50.74	50.86	....	53.52	51.81	....	50.48	51.26	54.63	52.99
24	....	49.15	50.50	50.88	....	53.00	52.23	52.90	50.78	....	54.93	53.01
25	....	48.97	50.90	....	Holiday	52.87	....	52.36	50.06	....	54.91	Holiday
26	50.80	49.14	50.81	....	50.93	52.56	....	52.62	....	51.08	Holiday	....
27	50.86	49.48	50.59	50.94	50.84	....	52.93	52.59	....	51.49	55.10	....
28	50.85	....	....	50.64	51.15	....	52.83	53.00	50.04	51.82	....	53.12
29	50.90	....	....	50.40	51.24	52.59	53.15	....	50.31	51.94	....	52.80
30	51.05	....	50.77	50.21	....	52.20	53.18	....	50.36	53.02	55.12	53.05
31	....	....	51.13	....	....	....	53.54	52.97	....	....	....	52.98

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 UTILITIES (DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	49.92	....	46.00	49.98	....	52.60	51.66	Holiday	49.86	....	52.22
2	49.81	....	....	46.53	49.98	50.87	52.63	....	51.20	50.28	....	51.89
3	49.78	....	47.76	46.62	....	50.63	53.25	....	52.01	51.03	50.80	52.02
4	50.08	50.04	47.27	Holiday	....	50.95	Holiday	51.26	51.86	....	Holiday	52.01
5	....	49.90	46.61	....	50.28	51.05	....	50.97	51.65	....	51.12	51.48
6	....	50.01	45.74	....	50.41	51.30	....	50.92	....	51.94	50.35	....
7	50.24	50.00	45.28	46.21	51.40	....	53.23	51.00	....	51.95	50.30	....
8	50.74	50.31	....	46.41	51.07	....	53.34	51.24	51.19	52.05	....	50.41
9	51.07	....	....	47.15	50.42	51.43	53.12	....	51.05	51.92	....	50.16
10	51.12	....	45.63	48.25	....	51.90	53.04	....	51.37	51.83	50.20	50.01
11	51.03	50.01	46.20	48.33	....	52.16	52.94	51.13	51.27	....	51.02	49.49
12	....	49.95	45.81	....	50.22	52.25	....	51.22	51.17	....	52.14	49.75
13	....	50.27	45.68	....	50.54	53.04	....	51.25	....	51.88	52.88	....
14	50.89	49.89	45.89	47.79	50.65	....	53.02	51.38	....	52.04	52.94	....
15	50.89	49.20	....	47.74	50.70	....	53.02	51.59	51.17	52.23	....	49.70
16	50.61	....	....	48.54	50.55	53.57	53.00	....	51.40	51.89	....	49.54
17	50.37	....	45.03	49.15	....	53.80	53.04	....	51.59	51.76	52.75	50.42
18	50.22	Holiday	45.50	49.19	....	53.97	53.08	51.13	51.44	....	53.11	52.30
19	....	48.50	45.64	....	50.33	53.44	....	51.07	51.45	....	53.01	53.15
20	....	48.68	45.57	....	50.19	53.28	....	51.08	....	51.79	53.10	....
21	50.02	48.54	45.22	48.77	50.07	....	52.95	51.39	....	51.73	52.79	....
22	49.84	48.25	....	49.26	50.43	....	52.96	51.51	51.25	51.95	....	53.80
23	50.01	....	....	49.69	50.98	53.15	52.68	....	51.01	51.71	....	53.77
24	50.07	....	44.17	50.23	....	53.28	52.75	....	50.96	51.67	52.29	53.50
25	49.92	47.67	43.89	49.90	....	53.36	....	51.30	50.61	....	52.78	Holiday
26	....	47.48	43.99	....	Holiday	53.16	52.56	51.24	50.12	....	52.91	53.48
27	....	47.04	43.29	....	51.22	53.08	....	50.92	....	51.30	Holiday	....
28	49.83	47.03	44.11	49.95	51.45	....	52.36	50.71	....	51.06	52.95	....
29	49.58	48.10	....	49.88	51.07	....	52.27	50.86	49.42	50.98	....	52.66
30	49.88	....	....	50.10	51.31	52.63	52.24	....	49.87	50.62	....	52.36
31	49.73	....	45.15	....	....	....	52.00	....	....	50.82	....	52.45

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 UTILITIES (DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	51.42	50.31	....	48.88	49.35	....	52.04	....	50.69	48.15	....
2	48.75	51.28	50.43	50.14	48.87	....	50.87	52.06	....	50.91	48.09	....
3	49.21	....	....	50.54	48.89	....	51.02	52.16	Holiday	50.99	....	50.41
4	49.56	....	....	50.70	48.62	49.44	Holiday	....	51.84	51.14	....	50.42
5	49.92	50.97	50.53	50.75	....	49.57	51.16	....	51.40	51.36	47.89	50.65
6	....	50.69	50.47	50.82	....	49.92	51.54	52.19	51.48	....	47.73	50.75
7	....	50.48	50.51	....	48.18	50.32	....	52.38	51.53	....	47.21	50.70
8	49.82	50.58	50.79	....	48.04	50.35	....	52.48	....	51.06	47.21	....
9	49.94	50.62	50.77	50.69	48.25	....	52.07	52.27	....	49.95	47.62	....
10	50.02	....	....	50.68	48.05	....	52.21	52.42	51.53	48.73	....	50.80
11	49.97	....	....	50.51	48.10	50.44	52.18	....	51.43	49.14	....	50.64
12	50.20	50.69	50.55	50.49	....	50.81	51.99	....	51.41	49.34	47.98	50.47
13	....	50.72	50.54	Holiday	....	51.08	51.90	52.62	51.23	....	48.18	50.38
14	....	50.95	50.39	....	47.98	50.89	....	52.74	51.11	....	48.38	50.54
15	50.26	50.86	50.37	....	48.04	51.01	....	52.81	....	48.92	48.67	....
16	50.17	50.97	50.63	50.15	48.18	....	51.95	52.73	....	48.88	48.59	....
17	50.09	....	....	50.23	48.84	....	51.95	52.66	51.17	48.99	....	50.61
18	50.29	....	....	50.04	49.02	50.98	51.69	....	50.79	49.04	....	50.59
19	50.43	Holiday	50.84	50.05	....	50.88	51.61	....	50.72	48.20	48.78	50.71
20	....	51.03	50.64	49.91	....	50.92	51.59	52.70	50.88	....	48.88	50.61
21	....	50.93	50.75	....	49.01	50.85	....	52.85	50.96	....	48.99	50.37
22	50.35	50.79	50.74	....	48.76	50.98	....	52.83	....	47.67	Holiday	....
23	50.66	50.68	50.72	49.73	48.75	....	51.54	52.57	....	47.27	49.20	....
24	50.83	....	....	49.68	48.87	....	51.57	52.72	50.82	47.14	....	50.25
25	51.15	....	....	49.50	49.21	50.83	51.71	....	50.71	47.22	....	Holiday
26	51.39	50.45	50.58	49.11	....	50.82	51.83	....	50.95	47.69	50.18	50.34
27	....	50.01	50.84	49.05	....	50.88	51.92	52.72	51.10	....	50.72	50.29
28	....	49.98	50.85	....	Holiday	50.90	....	52.63	50.98	....	50.90	50.24
29	51.45	....	50.83	....	49.26	50.81	....	52.58	....	47.71	50.77	....
30	51.28	....	50.58	48.94	49.21	....	51.85	52.44	....	48.14	50.53	....
31	51.45	....	....	....	49.29	....	52.16	52.30	....	48.01	....	50.24

STANDARD & POOR'S DAILY STOCK PRICE INDEX
40 UTILITIES (DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	51.74	50.84	....	52.36	52.34	....	53.28	52.74	....	49.00	50.01
2	Holiday	51.88	50.80	....	52.36	52.64	....	53.49	....	52 18	49.00	....
3	54.47	51.84	50.98	51.63	52.21	....	51.90	53.88	....	52.13	48.81	....
4	54.30	....	....	51.77	51.91	....	Holiday	53.89	Holiday	52.17	....	49.94
5	54.20	....	....	51.95	51.85	52.65	51.81	....	52.73	52.22	....	50.13
6	53.70	51.82	50.89	51.91	....	52.82	51.77	....	52.72	52.28	48.82	50.16
7	....	52.10	51.09	52.06	....	52.84	51.90	53.75	52.77	....	48.37	50.13
8	....	52.53	51.46	....	51.69	52.85	....	53.68	53.04	....	48.41	50.14
9	52.79	52.29	51.50	....	51.56	52.75	....	53.77	....	52.44	48.51	....
10	52.52	52.23	51.85	52.00	51.59	....	51.78	53.61	....	52.36	48.74	....
11	52.30	....	....	52.05	51.54	....	52.08	53.51	53.15	52.52	....	50.17
12	52.14	....	....	52.00	51.58	52.61	52.42	....	53.01	52.47	....	49.96
13	52.23	52.17	51.86	52.00	....	52.46	52.29	....	52.93	52.41	48.45	49.82
14	....	51.73	51.92	52.25	....	52.69	52.30	53.53	52.65	....	48.23	49.54
15	....	51.58	52.07	....	51.66	52.29	....	53.51	52.56	....	48.45	49.30
16	52.17	51.43	52.08	....	51.59	52.12	....	53.35	....	52.18	48.74	....
17	52.09	51.24	52.16	52.39	51.46	....	52.34	53.42	....	51.66	49.04	....
18	52.15	....	....	52.19	51.33	....	52.18	53.33	52.35	51.46	....	48.61
19	52.15	....	....	52.25	51.44	52.02	52.36	....	52.26	51.19	....	48.60
20	52.15	Holiday	52.33	52.30	....	51.83	52.39	....	52.08	50.68	49.48	48.53
21	....	50.97	52.03	52.49	....	51.69	52.25	53.12	52.23	....	49.67	48.46
22	....	50.88	52.00	....	51.72	51.81	....	53.17	52.20	....	49.80	48.76
23	51.89	50.82	52.01	....	51.54	51.95	....	53.20	....	50.50	Holiday	....
24	51.76	51.23	Holiday	52.62	51.29	....	52.38	53.19	....	50.46	49.81	....
25	51.71	....	....	52.59	51.53	....	52.49	53.15	52.22	50.36	....	Holiday
26	51.48	....	....	52.36	51.57	51.74	52.62	....	52.42	49.86	....	48.71
27	51.39	51.03	51.97	52.18	....	51.77	52.79	....	52.20	49.39	49.80	48.58
28	....	50.80	52.03	52.22	....	51.79	53.06	52.93	52.28	....	49.78	48.45
29	....	....	52.05	....	Holiday	51.92	....	52.77	52.16	....	49.42	48.47
30	51.49	....	51.97	....	51.80	51.92	....	52.77	....	48.91	49.58	....
31	51.47	....	52.02	....	52.09	....	53.20	52.82	....	48.23	....	....

STANDARD & POOR'S DAILY STOCK PRICE INDEX
20 TRANSPORTATION (DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	19.82	18.36	18.22	....	17.36	17.34	....	19.82	19.94	23.04	24.04
2	....	19.97	18.34	18.48	....	17.54	17.18	17.24	20.27	....	23.42	23.90
3	....	19.76	17.75	....	18.65	17.58	....	16.95	20.50	....	24.43	23.92
4	21.67	19.56	17.43	....	18.85	17.21	....	16.65	....	19.76	24.25	....
5	21.08	19.64	17.26	18.43	18.91	....	Holiday	16.50	....	19.87	24.35	....
6	20.98	....	....	18.56	19.09	....	17.19	16.30	Holiday	20.51	....	24.70
7	20.79	....	....	18.78	19.21	17.30	17.17	....	20.26	21.17	....	24.93
8	20.84	18.89	16.62	19.05	....	17.14	17.22	....	20.52	21.40	23.99	24.46
9	....	18.76	17.08	Holiday	....	17.00	17.56	16.18	20.81	....	24.36	23.59
10	....	19.06	17.14	....	18.82	17.18	....	16.16	20.42	....	24.25	23.62
11	19.93	19.03	17.29	....	19.19	17.47	....	16.13	....	21.83	24.29	....
12	19.85	18.97	17.18	18.94	19.09	....	17.52	16.06	....	22.01	23.79	....
13	19.57	....	....	18.89	19.02	....	17.39	16.28	20.74	22.63	....	23.76
14	19.76	....	....	18.69	19.01	17.19	17.53	....	20.66	22.39	....	23.24
15	20.07	Holiday	17.45	18.60	....	17.11	17.39	....	20.51	22.30	23.44	23.02
16	....	18.89	17.47	18.86	....	16.98	17.42	16.43	20.15	....	22.99	23.03
17	....	18.87	17.42	....	18.77	16.72	....	17.39	19.82	....	23.29	23.55
18	20.37	18.92	17.67	....	18.41	16.69	....	17.34	....	22.81	23.43	....
19	19.86	18.51	17.67	18.93	18.16	....	17.15	17.27	....	22.99	23.31	....
20	19.57	....	....	18.64	18.09	....	17.25	17.84	19.95	23.40	....	23.14
21	19.50	....	....	18.46	18.13	16.64	17.16	....	20.39	23.82	....	23.42
22	19.32	18.21	18.07	18.62	....	16.90	17.21	....	20.24	24.29	22.64	23.58
23	....	18.08	18.32	18.80	....	17.47	17.31	18.62	20.26	....	22.33	23.72
24	....	18.49	18.19	....	18.01	17.36	....	18.73	20.18	....	22.59	Holiday
25	19.32	18.38	18.11	....	17.89	17.25	....	19.29	....	23.25	Holiday	....
26	19.08	18.32	17.80	19.15	17.61	....	17.15	19.60	....	23.10	22.84	....
27	19.22	....	....	18.95	17.55	....	16.99	19.37	20.23	23.07	....	24.36
28	19.95	....	....	18.73	17.34	17.47	16.80	....	20.22	22.79	....	24.05
29	20.23	....	18.01	18.51	....	17.52	16.85	....	19.97	22.75	22.91	24.11
30	....	....	18.02	18.53	....	17.56	16.84	19.52	19.68	....	23.96	24.05
31	....	....	17.98	....	Holiday	....	....	19.87	....	....	....	24.18

STANDARD & POOR'S DAILY STOCK PRICE INDEX
20 TRANSPORTATION (DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	26.38	24.67	24.43	23.81	....	21.07	20.02	....	22.76
2	24.97	23.75	23.94	26.42	....	23.65	23.53	....	21.13	20.67	21.91	22.45
3	....	24.07	23.99	26.37	....	23.68	Holiday	23.51	20.55	....	22.09	22.52
4	....	24.26	24.49	....	24.23	23.93	....	23.58	20.39	....	22.41	22.62
5	25.29	24.41	24.26	....	23.94	24.15	....	23.72	....	20.73	22.07	....
6	24.76	24.61	24.10	25.93	24.06	....	23.01	23.70	....	20.89	21.99	....
7	24.08	....	....	25.95	24.26	....	23.08	23.65	Holiday	21.35	....	22.49
8	23.53	....	....	26.18	24.38	24.38	23.11	....	20.02	21.28	....	22.59
9	23.55	23.98	24.12	26.41	....	24.34	23.47	....	20.05	21.19	22.06	22.70
10	....	23.91	24.11	26.57	....	24.32	23.59	23.70	20.28	....	22.11	22.82
11	....	23.58	24.07	....	23.86	24.40	....	23.75	20.39	....	22.45	22.54
12	23.73	23.39	24.99	....	23.95	24.31	....	23.75	....	21.25	22.45	....
13	23.81	23.31	25.22	26.01	24.19	....	23.64	23.83	....	21.14	21.89	....
14	24.02	....	....	25.92	24.40	....	23.45	23.83	20.32	20.74	....	22.06
15	24.48	....	....	26.37	24.69	24.15	23.62	....	20.22	20.96	....	22.03
16	24.95	Holiday	25.69	26.43	....	23.82	23.76	....	20.10	20.86	21.33	21.95
17	....	23.44	25.54	Holiday	....	24.02	23.82	23.52	19.85	....	21.34	22.28
18	....	23.60	25.35	....	24.89	23.87	....	23.18	19.76	....	21.20	22.49
19	24.94	23.08	24.75	....	24.62	24.04	....	23.14	....	20.85	21.10	....
20	24.45	22.90	24.83	26.16	24.55	....	23.42	23.09	....	21.17	21.45	....
21	24.26	....	....	25.73	24.54	....	23.67	22.90	19.85	21.10	....	22.26
22	24.09	....	....	25.79	24.52	24.10	23.55	....	19.87	21.05	....	21.88
23	24.01	22.99	25.35	25.54	....	24.31	23.54	....	19.48	20.87	21.55	21.76
24	....	23.23	25.49	25.48	....	24.28	23.66	22.09	19.39	....	21.93	21.86
25	....	23.27	26.13	....	Holiday	24.24	....	21.81	18.88	....	22.02	Holiday
26	23.68	23.67	26.06	....	24.89	24.15	....	21.82	....	20.85	Holiday	....
27	24.02	23.73	25.83	25.32	25.13	....	23.69	21.50	....	21.09	22.26	....
28	24.12	....	....	24.98	25.09	....	23.56	21.53	19.43	21.30	....	21.69
29	24.20	....	....	24.81	24.80	24.02	23.54	....	19.87	21.20	....	21.52
30	24.40	....	25.86	24.74	....	24.05	23.73	....	19.74	21.64	22.71	21.63
31	....	....	26.35	....	....	....	23.75	21.22	....	....	....	21.69

STANDARD & POOR'S DAILY STOCK PRICE INDEX
20 TRANSPORTATION (DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	16.68	....	15.16	14.38	....	16.36	18.53	Holiday	20.48	....	25.93
2	14.91	....	....	15.30	14.73	16.01	16.64	....	19.05	20.72	....	25.63
3	14.75	....	17.02	15.25	....	15.96	17.13	....	19.33	20.99	22.50	25.48
4	14.97	16.61	17.00	Holiday	....	16.23	Holiday	18.51	19.23	....	Holiday	25.46
5	....	16.78	16.75	....	14.87	16.41	....	18.50	19.11	....	22.95	24.61
6	....	17.32	16.38	....	14.88	16.41	....	18.58	....	21.17	22.60	....
7	14.90	17.65	16.08	14.88	15.00	....	17.44	18.76	....	21.16	22.61	....
8	14.91	18.12	....	15.00	14.97	....	17.37	18.91	18.78	21.08	....	23.74
9	14.91	....	....	15.21	14.88	16.39	17.40	....	18.81	21.18	....	23.80
10	14.99	....	16.08	15.25	....	16.45	17.30	....	18.78	21.06	22.70	23.60
11	15.00	17.78	16.07	15.10	....	16.52	17.42	18.92	18.81	....	23.35	23.37
12	....	17.61	15.90	....	14.94	16.45	....	18.91	18.86	....	24.10	23.82
13	....	17.64	15.79	....	15.16	16.39	....	18.71	....	21.27	24.32	....
14	15.09	17.24	15.75	14.94	15.41	....	17.93	18.94	....	21.19	24.51	....
15	15.21	17.08	....	14.62	15.30	....	17.93	19.05	19.41	21.40	....	23.87
16	15.30	....	....	14.58	15.25	16.42	17.97	....	2[illegible].08	21.56	....	24.02
17	15.37	....	15.25	14.30	....	16.38	18.45	....	20.68	21.60	25.00	24.59
18	15.40	Holiday	15.29	14.12	....	16.37	18.74	18.75	20.67	....	25.82	24.81
19	....	17.04	15.47	....	15.21	16.13	....	18.70	20.75	....	25.51	24.62
20	....	17.30	15.32	....	15.15	15.86	....	18.85	....	22.09	26.02	....
21	15.69	17.26	15.14	13.89	15.17	....	18.99	19.15	....	22.58	26.12	....
22	15.77	17.28	....	14.50	15.47	....	18.89	19.29	21.01	23.27	....	24.90
23	16.00	....	....	14.51	15.78	15.85	18.57	....	21.13	22.92	....	24.44
24	16.21	....	14.76	14.33	....	16.04	18.43	....	21.20	22.94	25.05	24.66
25	16.27	16.89	14.74	14.41	....	16.22	18.18	19.10	20.85	....	26.00	Holiday
26	....	17.06	14.74	....	Holiday	16.43	....	19.08	20.31	....	26.68	24.92
27	....	16.96	14.38	....	16.08	16.42	....	18.80	....	22.49	Holiday	....
28	16.37	16.97	14.87	14.26	16.18	....	18.26	18.65	....	22.42	26.85	....
29	16.31	17.21	....	14.31	15.90	....	18.55	18.76	19.84	22.49	....	24.42
30	16.47	....	....	14.38	16.05	16.28	18.82	....	20.12	22.29	....	24.61
31	16.50	....	15.19	....	....	....	18.64	....	....	22.29	....	24.79

STANDARD & POOR'S DAILY STOCK PRICE INDEX
20 TRANSPORTATION (DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	13.27	13.02	....	14.03	14.31	....	15.84	....	15.69	14.23	....
2	13.03	13.23	13.04	13.83	14.02	....	14.61	15.77	....	15.56	14.12	....
3	13.26	....	....	14.14	14.06	....	14.71	15.69	Holiday	15.59	....	14.98
4	13.45	....	....	14.22	13.94	14.40	Holiday	....	15.76	15.67	....	15.12
5	13.49	13.00	13.15	14.30	....	14.55	14.82	....	15.57	15.82	14.03	15.18
6	....	13.01	13.07	14.38	....	14.64	15.05	15.74	15.50	....	13.99	15.37
7	....	12.83	13.20	....	13.63	14.70	....	15.98	15.56	....	13.86	15.29
8	13.41	12.88	13.35	....	13.63	14.67	....	16.13	....	15.65	13.93	....
9	13.40	12.91	13.42	14.35	13.74	....	15.29	16.09	....	15.10	14.11	....
10	13.24	....	....	14.39	13.74	....	15.28	16.24	15.68	14.86	....	15.28
11	13.24	....	....	14.28	13.79	14.68	15.28	....	15.58	14.82	....	15.25
12	13.42	12.99	13.42	14.25	....	14.84	15.10	....	15.64	14.73	14.31	15.21
13	....	13.20	13.51	Holiday	....	14.83	15.12	16.43	15.78	....	14.35	15.24
14	....	13.21	13.46	....	13.76	14.76	....	16.39	15.91	....	14.39	15.35
15	13.52	13.14	13.53	....	13.82	14.74	....	16.52	....	14.53	14.61	....
16	13.46	13.16	13.57	14.13	13.83	....	15.29	16.36	....	14.47	14.61	....
17	13.49	....	....	14.15	14.20	....	15.12	16.34	15.93	14.54	....	15.41
18	13.65	....	....	14.19	14.27	14.63	15.12	....	15.76	14.48	....	15.26
19	13.71	Holiday	13.61	14.14	....	14.63	15.18	....	15.72	14.09	14.60	15.29
20	....	13.26	13.53	14.06	....	14.62	15.25	16.35	15.85	....	14.53	15.43
21	....	13.21	13.52	....	14.38	14.71	....	16.38	15.91	....	14.66	15.28
22	13.56	13.16	13.57	....	14.51	14.78	....	16.44	....	13.84	Holiday	....
23	13.57	13.14	13.61	14.08	14.45	....	15.18	16.40	....	13.76	14.79	....
24	13.56	....	....	14.18	14.39	....	15.19	16.24	15.79	13.80	....	15.25
25	13.68	....	....	14.19	14.44	14.69	15.41	....	15.75	13.81	....	Holiday
26	13.62	13.16	13.59	14.16	....	14.56	15.44	....	15.73	13.30	15.03	15.16
27	....	12.85	13.84	14.10	....	14.64	15.50	16.28	15.75	....	15.10	15.14
28	....	12.90	13.88	....	Holiday	14.69	....	16.21	15.60	....	15.16	15.15
29	13.59	....	13.86	....	14.44	14.63	....	16.17	....	13.98	15.14	....
30	13.49	....	13.85	14.04	14.29	....	15.57	16.11	....	14.18	15.05	....
31	13.31	....	....	....	14.30	....	15.71	16.04	....	14.05	....	15.07

STANDARD & POOR'S DAILY STOCK PRICE INDEX
20 TRANSPORTATION (DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	13.07	12.51	....	14.09	13.87	....	14.90	15.55	....	13.76	13.38
2	Holiday	13.21	12.56	....	14.04	13.99	....	15.33	....	15.12	13.45	....
3	13.53	13.28	12.56	12.62	13.97	....	13.52	15.45	....	15.12	13.57	....
4	13.49	....	....	12.67	13.94	....	Holiday	15.51	Holiday	15.21	....	13.39
5	13.35	....	....	12.75	14.02	14.26	13.34	....	15.77	15.25	....	13.59
6	13.11	13.24	12.44	12.76	....	14.42	13.36	....	15.99	15.27	13.41	13.55
7	....	13.30	12.40	12.85	....	14.37	13.48	15.48	16.05	....	13.19	13.44
8	....	13.37	12.47	....	13.93	14.35	....	15.53	16.20	....	13.23	13.39
9	12.88	13.23	12.45	....	13.79	14.33	....	15.56	....	15.35	13.19	....
10	12.89	13.16	12.58	12.91	13.80	....	13.64	15.35	....	15.40	13.31	....
11	12.92	....	....	12.82	13.98	....	13.77	15.39	16.16	15.53	....	13.47
12	12.98	....	....	12.81	14.12	14.26	13.76	....	16.13	15.58	....	13.34
13	13.01	12.97	12.56	12.94	....	14.21	13.72	....	15.99	15 57	12.95	13.22
14	....	12.83	12.73	13.24	....	14.23	13.87	15.43	15.72	....	12.76	13.11
15	....	12.68	12.75	....	14.15	13.97	....	15.39	15.55	....	12.81	12.95
16	13.03	12.58	12.77	....	14.30	13.76	....	15.56	....	15.22	12.98	....
17	13.08	12.67	12.91	13.53	14.30	....	13.96	15.62	....	14.81	13.04	....
18	13.30	....	....	13.36	14.19	....	13.91	15.59	15.29	14.57	....	12.61
19	13.19	....	....	13.51	14.06	13.77	14.16	....	15.21	14.27	....	12.68
20	13.16	Holiday	13.07	13.73	....	13.69	14.17	....	14.97	13.97	13.11	12.62
21	....	12.61	12.93	13.72	....	13.50	14.10	15.30	14.89	....	13.08	12.68
22	....	12.64	12.87	....	14.22	13.57	....	15.35	14.83	....	13.12	12.94
23	13.16	12.64	12.88	....	14.08	13.56	....	15.43	....	14.09	Holiday	....
24	13.15	12.76	Holiday	13.86	13.90	....	14.16	15.54	....	14.00	13.26	....
25	13.23	....	....	13.97	13.83	....	14.34	15.42	14.87	13.95	....	Holiday
26	13.13	....	....	13.99	13.81	13.33	14.47	....	15.10	13.60	....	13.10
27	13.04	12.66	12.77	13.89	....	13.41	14.61	....	14.91	13.33	13.30	12.96
28	....	12.47	12.89	14.05	....	13.49	14.72	15.28	14.95	....	13.12	12.86
29	....	....	12.84	....	Holiday	13.51	....	15.27	15.05	....	12.82	12.79
30	13.05	....	12.77	....	13.85	13.54	....	15.38	....	13.34	13.03	....
31	13.01	....	12.70	....	13.86	....	14.87	15.37	....	13.12	....	....

DOW JONES 30 INDUSTRIALS
(Daily Close)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	851.69	828.39	833.24	....	814.97	803.27	....	895.05	907.74	1,005.70	1,031.09
2	....	852.55	825.82	838.57	....	816.88	796.99	822.11	909.40	....	1,022.08	1,033.11
3	....	845.03	815.16	....	849.03	816.50	....	816.40	925.13	....	1,065.49	1,031.36
4	882.52	847.03	807.55	....	854.45	804.98	....	803.46	....	903.61	1,050.22	....
5	865.30	851.03	807.36	835.33	854.45	....	Holiday	795.85	....	907.19	1,051.78	....
6	861.02	....	....	839.33	863.20	....	798.90	784.34	Holiday	944.26	....	1,055.65
7	861.78	....	....	836.85	869.20	804.03	799.66	....	914.28	965.97	....	1,056.94
8	866.53	833.43	795.47	842.94	....	802.23	804.98	....	915.75	986.85	1,037.44	1,047.09
9	....	830.57	803.84	Holiday	....	795.57	814.12	780.35	912.53	....	1,060.25	1,027.96
10	....	836.66	804.89	....	860.92	798.71	....	779.30	906.82	....	1,044.52	1,018.76
11	850.46	834.67	805.56	....	965.87	809.74	....	777.21	....	1,012.79	1,054.73	....
12	847.70	833.81	797.37	841.32	865.77	....	824.87	776.92	....	1,003.68	1,039.92	....
13	838.95	....	....	841.04	859.11	....	824.20	788.05	918.69	1,015.08	....	1,024.28
14	842.28	....	....	838.09	857.78	801.85	828.39	....	923.01	996.87	....	1,009.38
15	847.60	Holiday	800.99	839.61	....	801.27	827.34	....	930.46	993.10	1,021.43	992.64
16	....	831.34	798.33	843.42	....	796.90	828.67	792.43	927.80	....	1,008.00	990.25
17	....	827.63	795.85	....	845.32	791.48	....	831.24	916.94	....	1,027.50	1,011.50
18	855.12	828.96	805.27	....	840.85	788.62	....	829.43	....	1,019.22	1,032.10	....
19	847.41	824.30	805.65	846.08	835.90	....	826.10	838.57	....	1,013.80	1,021.25	....
20	845.89	....	....	840.56	832.48	....	833.43	869.29	916.30	1,034.12	....	1,004.51
21	848.27	....	....	843.42	835.90	789.95	832.19	....	934.79	1,036.98	....	1,030.26
22	845.03	811.26	819.54	853.12	....	799.66	832.00	....	927.61	1,031.46	1,000.00	1,035.04
23	....	812.98	826.67	862.16	....	813.17	830.57	891.17	925.77	....	990.99	1,045.07
24	....	826.77	823.34	....	836.38	810.41	....	874.90	919.52	....	1,000.00	Holiday
25	842.75	825.82	827.63	....	834.57	803.08	....	884.89	....	995.13	Holiday	....
26	841.51	824.39	817.92	865.58	828.77	....	825.44	892.41	....	1,006.07	1,007.36	....
27	842.66	....	....	857.50	824.96	....	822.77	883.47	920.90	1,006.35	....	1,070.55
28	864.25	....	....	852.64	819.54	811.93	811.83	....	919.33	990.99	....	1,058.87
29	871.10	....	823.82	844.94	....	812.21	812.21	....	906.27	991.72	1,002.85	1,059.60
30	....	....	824.49	848.36	....	811.93	808.60	893.30	896.25	....	1,039.28	1,047.37
31	....	....	822.77	....	Holiday	....	....	901.31	....	....	....	1,046.54

DOW JONES 30 INDUSTRIALS
(DAILY CLOSE)
During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	1,014.14	995.59	997.96	967.66	....	882.71	852.26	....	890.22
2	972.78	932.25	977.99	1,009.01	....	987.48	959.19	....	884.23	860.73	866.82	882.61
3	....	941.38	966.02	1,007.11	....	989.71	Holiday	946.25	867.01	....	868.72	883.85
4	....	941.98	971.44	....	979.11	986.74	....	945.97	861.68	....	866.82	892.69
5	992.66	946.76	964.62	....	972.44	993.79	....	953.58	....	859.87	859.12	....
6	1,004.69	952.30	964.62	994.24	973.34	....	949.30	952.91	....	856.26	852.45	....
7	980.89	....	....	992.89	978.39	....	954.15	942.54	Holiday	868.72	....	886.99
8	965.70	....	....	993.43	976.40	995.64	953.48	....	851.12	878.14	....	881.75
9	968.69	947.18	976.42	998.83	....	994.44	959.00	....	853.88	873.00	855.21	888.22
10	....	948.63	972.66	1,000.27	....	993.88	955.67	943.87	862.44	....	853.98	892.03
11	....	942.49	967.67	....	963.44	1,007.42	....	949.30	872.81	....	857.12	886.51
12	968.77	936.60	989.82	....	970.82	1,006.28	....	945.21	....	869.48	860.54	....
13	965.10	931.57	985.77	993.16	967.76	....	954.34	944.35	....	865.58	855.88	....
14	966.47	....	....	989.10	973.07	....	948.25	936.93	866.15	850.65	....	871.48
15	969.97	....	....	1,001.71	985.95	1,011.99	954.15	....	858.35	856.26	....	875.95
16	973.29	Holiday	1,002.79	1,005.58	....	1,003.33	955.48	....	851.60	851.69	845.03	868.72
17	....	939.68	992.53	Holiday	....	1,006.56	958.90	926.75	840.09	....	850.17	870.53
18	....	947.10	994.06	....	985.77	995.15	....	924.37	836.19	....	844.08	875.76
19	970.99	933.36	986.58	....	980.01	996.19	....	926.46	....	847.13	844.75	....
20	950.68	936.09	992.80	1,015.94	976.86	....	940.54	928.37	....	851.88	852.93	....
21	946.25	....	....	1,005.94	976.59	....	934.46	920.57	846.56	851.03	....	873.10
22	940.44	....	....	1,007.02	971.72	994.20	924.66	....	845.70	848.27	....	871.96
23	940.19	945.23	1,004.23	1,010.27	....	1,006.66	928.56	....	840.94	837.99	851.79	869.67
24	....	946.10	996.13	1,020.35	....	999.33	936.74	900.11	835.14	....	870.24	873.38
25	....	954.40	1,015.22	....	Holiday	996.77	....	901.83	824.01	....	876.14	Holiday
26	938.91	966.81	1,005.76	....	983.96	992.87	....	899.26	....	830.96	Holiday	....
27	949.49	974.58	994.78	1,024.05	993.14	....	945.87	889.08	....	838.38	885.94	....
28	942.58	....	....	1,016.93	994.25	....	939.40	892.22	842.56	837.61	....	870.34
29	948.89	....	....	1,004.32	991.75	984.59	937.40	....	847.89	832.95	....	868.25
30	947.27	....	992.16	997.75	....	976.88	945.11	....	849.98	852.55	888.98	873.10
31	....	....	1,003.87	....	....	....	952.34	881.47	....	....	....	875.00

DOW JONES 30 INDUSTRIALS
(DAILY CLOSE)
DURING 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	881.48	....	784.47	808.79	....	872.27	931.48	Holiday	939.42	....	969.45
2	824.57	....	....	787.80	810.92	847.35	876.02	....	940.78	942.24	....	974.40
3	820.31	....	854.35	784.13	....	843.77	888.91	....	953.16	950.68	937.20	972.27
4	828.84	875.09	856.48	Holiday	....	858.02	Holiday	931.06	948.81	....	Holiday	970.48
5	....	876.62	844.88	....	816.30	858.70	....	929.78	940.96	....	953.16	956.23
6	....	881.83	828.07	....	816.04	861.52	....	938.23	....	965.70	935.41	....
7	832.00	885.49	820.56	768.34	821.25	....	898.21	950.94	....	960.67	932.42	....
8	851.71	895.73	....	775.00	815.19	....	897.35	954.69	928.58	963.99	....	933.70
9	850.09	....	....	785.92	805.80	860.67	897.27	....	934.73	958.96	....	934.04
10	858.96	....	818.94	791.47	....	863.99	885.92	....	938.48	950.68	933.79	916.21
11	858.53	889.59	826.45	791.55	....	872.70	897.13	964.08	941.30	....	944.03	908.45
12	....	898.98	819.54	....	805.20	872.61	....	952.39	936.52	....	964.93	917.15
13	....	903.84	809.56	....	816.89	876.37	....	949.23	....	959.90	982.42	....
14	863.57	893.77	811.69	784.90	819.62	....	905.55	962.63	....	962.20	986.35	....
15	868.60	884.98	....	783.36	822.53	....	901.54	966.72	937.63	972.44	....	911.60
16	865.19	....	....	771.25	826.88	877.73	904.44	....	945.90	958.70	....	918.09
17	863.57	....	788.65	768.86	....	879.27	915.10	....	961.26	956.14	986.26	928.50
18	867.15	Holiday	801.62	763.40	....	881.91	923.98	948.63	956.48	....	997.95	930.20
19	....	876.02	800.94	....	830.89	870.90	....	939.85	963.74	....	991.04	937.20
20	....	886.86	789.08	....	832.51	869.71	....	945.31	....	960.84	1,000.17	....
21	872.78	868.52	785.15	759.13	831.06	....	928.67	955.03	....	954.44	989.93	....
22	866.21	868.77	....	789.85	842.92	....	927.30	958.19	974.57	955.12	....	958.70
23	877.56	....	....	789.25	854.10	873.81	928.58	....	962.03	939.51	....	958.28
24	879.95	....	765.44	797.10	....	877.30	926.11	....	964.76	943.60	978.75	963.05
25	876.11	859.81	767.83	803.58	....	887.54	918.09	956.23	955.97	....	982.68	Holiday
26	....	864.25	761.12	....	Holiday	883.45	....	953.41	940.10	....	989.68	966.38
27	....	855.12	759.98	....	857.76	881.83	....	943.09	....	931.74	Holiday	....
28	878.50	854.44	777.65	805.46	860.32	....	925.43	930.38	....	932.59	993.34	....
29	874.40	863.14	....	811.09	846.25	....	931.91	932.59	921.93	929.18	....	960.58
30	881.91	....	....	817.06	850.85	867.92	936.18	....	932.42	917.75	....	962.03
31	875.85	....	785.75	....	....	....	935.32	....	....	924.49	....	963.99

DOW JONES 30 INDUSTRIALS
(Daily Close)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	840.87	815.84	....	855.51	821.21	....	850.34	....	872.95	820.14	....
2	811.42	834.63	815.75	855.25	855.51	....	834.04	847.95	....	885.32	818.94	....
3	817.39	....	....	868.33	857.59	....	835.58	846.16	Holiday	885.15	....	819.62
4	826.14	....	....	869.80	847.54	821.90	Holiday	....	872.61	890.10	....	824.91
5	830.73	823.98	827.36	877.60	....	831.34	835.75	....	866.13	897.61	812.63	828.41
6	....	822.85	826.58	875.69	....	835.50	846.16	848.55	867.32	....	806.48	835.07
7	....	816.01	834.29	....	833.42	836.97	....	859.81	874.15	....	796.67	833.19
8	828.14	818.87	844.85	....	834.89	835.15	....	863.14	....	884.04	797.61	....
9	831.43	822.33	842.86	873.70	838.62	....	852.99	858.28	....	857.59	806.48	....
10	824.93	....	....	878.72	828.92	....	850.34	867.06	876.88	849.32	....	833.87
11	828.05	....	....	871.71	830.56	837.58	843.86	....	869.71	844.62	....	833.70
12	836.28	824.84	844.68	870.50	....	845.29	836.86	....	870.90	838.99	821.93	835.67
13	....	830.21	846.93	Holiday	....	842.17	833.53	875.26	870.73	....	814.08	836.09
14	....	829.78	845.37	....	825.02	842.34	....	876.71	879.10	....	816.55	842.75
15	848.67	829.09	847.02	....	825.88	843.30	....	885.84	....	831.06	821.33	....
16	835.59	827.01	852.82	860.45	828.48	....	834.90	884.04	....	829.52	815.70	....
17	834.20	....	....	857.93	842.95	....	828.50	883.36	881.31	830.72	....	844.62
18	839.14	....	....	860.27	841.91	839.40	828.58	....	874.25	830.12	....	838.65
19	837.49	Holiday	857.59	855.25	....	839.40	827.30	....	876.45	814.68	815.27	838.91
20	....	834.55	850.31	856.98	....	839.83	828.07	886.52	893.69	....	809.22	843.34
21	....	834.55	857.76	....	842.43	843.64	....	886.01	893.94	....	807.42	838.91
22	838.53	828.57	861.31	....	845.37	849.10	....	885.84	....	809.13	Holiday	....
23	846.85	823.28	859.75	860.10	837.40	....	825.51	880.38	....	806.83	811.77	....
24	846.41	....	....	866.86	837.66	....	829.78	880.20	885.84	808.36	....	839.16
25	854.63	....	....	867.46	836.28	844.25	839.51	....	886.18	808.46	....	Holiday
26	859.75	821.12	854.82	860.97	....	837.66	839.76	....	886.35	809.30	828.75	838.14
27	....	807.00	871.36	856.64	....	840.52	839.76	885.41	887.46	....	825.85	840.10
28	....	808.82	866.25	....	Holiday	843.04	....	884.64	878.58	....	830.46	838.91
29	855.77	....	866.77	....	832.55	841.98	....	884.90	....	808.62	831.74	....
30	851.78	....	862.18	854.90	822.16	....	838.74	883.70	....	823.81	822.35	....
31	839.22	....	....	....	822.33	....	846.42	887.63	....	815.70	....	838.74

DOW JONES 30 INDUSTRIALS
(Daily Close)
During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	774.34	743.33	....	844.33	840.70	....	860.71	879.33	....	827.79	811.50
2	....	775.38	746.45	....	840.18	847.54	....	883.49	....	871.36	816.96	....
3	817.74	770.96	747.31	751.04	828.83	....	812.89	886.87	....	867.90	823.11	....
4	813.58	....	....	755.37	824.41	....	Holiday	888.43	Holiday	873.96	....	806.83
5	804.92	....	....	763.08	829.09	863.83	805.79	....	886.61	876.47	....	820.51
6	793.48	768.62	742.72	763.95	....	866.51	807.17	....	895.79	880.02	814.88	821.90
7	....	778.85	746.79	769.58	....	861.92	812.46	885.05	893.71	....	800.07	816.09
8	....	782.66	750.87	....	824.58	862.09	....	889.21	907.74	....	807.61	811.85
9	784.56	777.81	750.00	....	822.07	859.23	....	891.63	....	893.19	803.97	....
10	781.53	775.99	758.58	773.65	822.16	....	816.79	885.48	....	891.63	807.09	....
11	775.90	....	....	770.18	834.20	....	821.29	890.85	907.74	901.42	....	817.65
12	778.15	....	....	766.29	840.70	856.72	824.93	....	906.44	896.74	....	814.97
13	775.73	774.43	759.96	775.21	....	856.98	824.76	....	899.60	897.09	792.01	809.86
14	....	765.16	762.56	795.13	....	854.56	839.83	888.17	887.04	....	785.26	812.54
15	....	761.69	758.58	....	846.76	844.25	....	987.13	878.55	....	785.60	805.35
16	771.74	753.29	762.82	....	854.30	836.97	....	894.58	....	875.17	794.18	....
17	779.02	752.69	768.71	810.12	858.37	....	839.05	900.12	....	866.34	797.73	....
18	786.30	....	....	803.27	850.92	....	829.00	896.83	870.15	859.67	....	787.51
19	778.67	....	....	808.04	846.85	838.62	840.70	....	861.57	846.41	....	789.85
20	776.94	Holiday	773.82	814.54	....	830.04	838.62	....	857.16	838.01	805.61	793.66
21	....	749.31	762.82	812.80	....	824.93	833.42	888.95	861.14	....	804.05	794.79
22	....	749.05	757.54	....	855.42	827.70	....	892.41	862.44	....	807.00	808.47
23	770.70	750.95	756.50	....	845.29	823.02	....	897.00	....	839.66	Holiday	....
24	771.57	756.24	Holiday	826.06	837.92	....	831.60	897.35	....	832.55	810.12	....
25	772.44	....	....	833.59	835.41	....	839.57	895.53	862.35	830.21	....	Holiday
26	763.34	....	....	836.97	831.59	812.28	847.19	....	868.16	821.12	....	816.01
27	764.12	748.35	753.21	826.92	....	817.31	850.57	....	860.19	806.05	813.84	808.56
28	....	742.12	758.84	837.32	....	819.91	856.29	884.88	861.31	....	804.14	805.96
29	....	....	761.78	....	Holiday	821.64	....	880.20	865.82	....	790.11	805.01
30	772.44	....	759.62	....	834.20	818.95	....	880.72	....	811.85	799.03	....
31	769.92	....	757.36	....	840.61	....	862.27	876.82	....	792.45	....	....

NEW YORK STOCK EXCHANGE COMPOSITE STOCK INDEX
(DAILY CLOSE)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	68.01	65.44	65.49	....	64.37	62.51	....	67.90	70.01	77.92	80.13
2	....	68.17	65.14	66.22	....	64.55	61.99	62.49	68.98	....	79.12	80.12
3	....	67.41	64.14	....	67.26	64.42	....	61.91	70.26	....	82.05	80.05
4	71.20	67.30	63.50	....	67.63	63.42	....	60.97	....	69.77	81.59	....
5	69.72	67.79	63.14	66.04	67.75	....	Holiday	60.44	....	70.06	81.83	....
6	69.18	....	....	66.41	68.31	....	61.78	59.69	Holiday	72.20	....	81.61
7	69.02	....	....	66.49	68.76	63.36	61.70	....	69.56	73.77	....	82.13
8	69.36	66.32	62.03	66.89	....	63.08	61.81	....	70.02	75.00	80.94	81.73
9	....	65.74	62.71	Holiday	....	62.68	62.54	59.25	69.97	....	82.35	80.77
10	....	66.21	63.04	....	68.22	62 97	....	59.13	69.41	....	81.43	80.49
11	67.76	66.11	62.98	....	68.80	63.94	....	58.95	....	76.91	81.76	....
12	67.45	66.09	62.52	66.70	68.69	....	62.96	58.80	....	76.95	80.70	....
13	66.63	....	....	66.76	68.20	....	62.90	59.54	70.03	78.30	....	80.67
14	66.96	....	....	66.67	68.11	63.25	63.36	....	70.57	77.23	....	79.32
15	67.41	Holiday	62.88	66.96	....	63.05	63.38	....	71.19	76.74	79.32	78.09
16	....	65.87	62.84	67.26	....	62.67	63.67	59.75	71.00	....	78.30	78.04
17	....	65.71	62.74	....	67.36	61.96	....	62.41	70.34	....	79.67	79.20
18	67.84	65.78	63.46	....	66.84	61.74	....	62.32	....	78.40	79.98	....
19	67.19	65.43	63.62	67.20	66.32	....	63.54	62.57	....	78.35	79.32	....
20	66.80	....	....	66.55	66.09	....	63.95	64.65	70.25	79.80	....	78.54
21	67.00	....	....	66.71	66.26	61.73	63.90	....	71.49	79.72	....	79.74
22	66.78	64.55	64.86	67.49	....	62.29	63.95	....	71.10	79.68	77.85	79.87
23	....	64.44	65.30	68.25	....	63.26	63.80	66.36	70.98	....	77.12	80.39
24	....	65.45	65.00	....	66.17	63.12	....	66.10	70.75	....	77.60	Holiday
25	66.64	65.41	65.15	....	65.95	62.72	....	67.39	....	76.65	Holiday	....
26	66.49	65.33	64.53	68.59	65.18	....	63.35	68.01	....	77.11	78.14	....
27	66.78	....	....	67.95	64.88	....	62.84	67.23	70.88	77.68	....	81.63
28	68.58	....	....	67.55	64.55	63.29	61.87	....	70.70	76.87	....	80.94
29	69.39	....	64.65	66.95	....	63.28	61.83	....	69.78	76.95	77.73	81.21
30	....	....	64.65	67.08	....	63.02	61.51	67.52	69.18	....	79.95	80.79
31	....	....	64.52	....	Holiday	....	....	68.54	....	....	....	81.03

NEW YORK STOCK EXCHANGE COMPOSITE STOCK INDEX
(DAILY CLOSE)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	78.62	76.75	76.91	75.37	....	71.28	67.50	....	73.18
2	78.26	72.67	75.58	78.57	....	75.89	74.73	....	71.56	68.86	72.05	72.40
3	....	73.48	74.83	78.14	....	75.87	Holiday	75.70	70.25	....	72.38	72.65
4	....	73.64	74.98	....	75.52	76.02	....	76.04	69.55	....	72.38	73.24
5	79.08	74.31	74.51	....	75.30	76.73	....	76.91	....	69.00	71.79	....
6	79.14	74.83	74.46	77.29	75.60	....	73.99	77.00	....	69.03	71.33	....
7	77.29	....	....	77.30	76.08	....	74.39	76.58	Holiday	70.13	....	72.65
8	76.20	....	....	77.55	76.13	76.76	74.50	....	68.24	70.74	....	72.36
9	76.44	74.05	75.09	77.80	....	76.54	75.06	....	68.48	70.33	71.67	72.69
10	....	73.98	74.73	77.78	....	76.78	75.15	76.90	69.49	....	71.42	72.84
11	....	73.47	74.53	....	75.05	77.63	....	77.65	70.32	....	71.54	72.43
12	76.52	73.05	76.27	....	75.60	77.60	....	77.42	....	70.21	71.69	....
13	76.35	72.80	76.32	76.94	75.56	....	75.28	77.53	....	70.07	70.85	....
14	76.55	....	....	76.59	76.02	....	75.26	77.00	69.79	68.97	....	71.24
15	76.99	....	....	77.46	76.54	77.65	75.60	....	69.34	69.39	....	71.35
16	77.33	Holiday	77.19	77.76	....	76.80	75.70	....	68.82	69.13	69.99	71.06
17	....	73.22	76.81	Holiday	....	77.34	75.96	76.28	67.83	....	70.39	71.37
18	....	73.59	76.99	....	76.73	76.40	....	75.55	67.27	....	70.03	71.87
19	77.10	72.51	76.64	....	76.47	76.75	....	75.73	....	69.02	70.36	....
20	75.61	72.45	77.09	78.17	76.53	....	74.84	75.88	....	69.75	71.00	....
21	75.39	....	....	77.46	76.44	....	74.59	75.10	67.71	69.66	....	71.53
22	74.76	....	....	77.41	76.26	76.59	73.90	....	67.43	69.39	....	71.27
23	74.72	72.84	78.01	77.38	....	77.42	74.01	....	66.74	68.83	70.91	70.97
24	....	72.91	77.52	78.05	....	77.00	74.60	72.92	66.42	....	71.85	71.11
25	....	73.46	78.82	....	Holiday	77.11	....	72.58	64.96	....	72.15	Holiday
26	74.45	74.39	78.43	....	77.05	76.97	....	72.49	....	68.58	Holiday	....
27	75.19	75.13	77.59	78.23	77.58	....	75.32	71.67	....	69.20	72.71	....
28	74.78	....	....	77.55	77.44	....	74.94	71.97	66.43	69.34	....	70.94
29	74.69	....	....	76.84	76.99	76.58	74.95	....	66.85	69.09	....	70.58
30	74.27	....	77.36	76.81	....	76.15	75.41	....	67.00	70.64	73.37	70.90
31	....	....	78.27	....	....	....	75.95	71.20	....	....	....	71.11

NEW YORK STOCK EXCHANGE COMPOSITE STOCK INDEX
(DAILY CLOSE)

During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	66.08	....	57.83	59.94	....	65.73	69.44	Holiday	73.37	....	79.16
2	60.69	....	....	58.20	60.05	63.22	66.16	....	71.28	73.96	....	78.91
3	60.34	....	64.35	57.95	....	63.11	67.07	....	72.71	74.74	74.36	78.81
4	61.17	65.69	64.36	Holiday	....	64.24	Holiday	69.20	72.41	....	Holiday	78.60
5	....	65.83	63.38	....	60.50	64.38	....	69.16	72.13	....	75.64	77.16
6	....	66.39	61.94	....	60.49	64.67	....	69.63	....	76.04	74.29	....
7	61.40	66.69	60.96	56.83	61.02	....	67.58	70.60	....	75.65	74.35	....
8	62.59	67.57	....	57.38	60.52	....	67.37	70.81	71.27	76.02	....	75.12
9	62.72	....	....	58.41	59.79	64.94	67.46	....	71.64	75.72	....	75.04
10	63.25	....	60.59	59.05	....	65.43	66.95	....	72.12	75.34	74.61	73.78
11	63.15	67.11	61.33	59.00	....	66.17	67.44	71.45	72.64	....	75.56	73.11
12	....	67.51	60.86	....	59.78	65.92	....	70.92	72.65	....	77.44	74.16
13	....	67.77	60.20	....	60.54	66.13	....	70.68	....	76.28	78.58	....
14	63.58	66.82	60.07	58.42	60.90	....	68.68	71.81	....	76.32	78.96	....
15	63.95	66.14	....	58.30	61.04	....	68.35	72.07	72.75	77.24	....	74.31
16	63.95	....	....	57.71	61.23	66.26	68.54	....	73.41	76.37	....	74.87
17	63.80	....	58.22	57.45	....	66.25	69.53	....	74.57	75.92	79.32	76.13
18	63.94	Holiday	59.09	57.21	....	66.36	69.84	70.75	74.36	....	80.48	76.40
19	....	65.62	59.31	....	61.39	65.53	....	70.32	74.81	....	80.17	76.86
20	....	66.61	58.66	....	61.35	65.20	....	71.01	....	76.44	80.90	....
21	64.51	66.03	58.24	56.73	61.42	....	70.10	72.07	....	75.98	80.17	....
22	64.13	65.80	....	58.74	62.19	....	69.94	72.47	75.43	76.06	....	77.94
23	65.13	....	....	58.95	63.05	65.46	69.76	....	74.85	74.69	....	77.64
24	65.32	....	56.47	59.38	....	65.84	69.68	....	75.34	74.90	79.67	77.95
25	65.27	64.79	56.24	59.73	....	66.72	69.10	72.03	74.45	....	80.32	Holiday
26	....	65.14	55.98	....	Holiday	66.44	....	71.86	72.99	....	80.78	78.28
27	....	64.30	55.30	....	63.50	66.34	....	71.15	....	73.82	Holiday	....
28	65.96	64.27	56.82	60.01	63.88	....	69.43	70.35	....	73.84	81.02	....
29	65.49	64.95	....	60.17	62.97	....	69.99	70.53	71.26	73.80	....	77.44
30	66.14	....	....	60.36	63.44	65.34	69.95	....	72.38	72.85	....	77.58
31	65.61	....	57.65	....	....	....	69.64	....	....	73.53	....	77.86

NEW YORK STOCK EXCHANGE COMPOSITE STOCK INDEX
(DAILY CLOSE)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	56.00	54.30	....	57.34	56.03	....	59.36	....	61.84	58.17	....
2	53.93	55.79	54.37	56.73	57.36	....	57.86	59.35	....	62.36	58.19	....
3	54.57	....	....	57.55	57.38	....	57.94	59.33	Holiday	62.44	....	60.54
4	55.05	....	....	57.71	56.76	56.13	Holiday	....	61.35	62.77	....	61.06
5	55.41	55.01	54.96	58.06	....	56.81	58.16	....	60.66	63.39	57.81	61.35
6	....	54.99	54.88	58.04	....	57.23	58.82	59.45	60.94	....	57.48	61.80
7	....	54.47	55.22	....	55.75	57.53	....	60.18	61.39	....	56.75	61.56
8	55.24	54.74	55.81	....	55.79	57.42	....	60.36	....	62.58	57.02	....
9	55.53	54.87	55.81	57.88	55.96	....	59.32	60.14	....	60.53	57.74	....
10	55.23	....	....	58.18	55.45	....	59.16	60.64	61.69	59.53	....	61.66
11	55.42	....	....	57.65	55.48	57.62	58.86	....	61.29	59.51	....	61.55
12	55.91	55.04	55.87	57.53	....	58.18	58.38	....	61.48	59.29	58.82	61.58
13	....	55.46	55.99	Holiday	....	57.95	58.17	61.18	61.53	....	58.59	61.68
14	....	55.42	55.95	....	55.22	57.87	....	61.26	62.08	....	58.85	62.35
15	56.31	55.38	56.08	....	55.26	57.85	....	61.68	....	58.60	59.27	....
16	55.66	55.37	56.55	57.05	55.38	....	58.43	61.56	....	58.50	59.11	....
17	55.64	....	....	57.05	56.23	....	57.88	61.70	62.08	58.65	....	62.61
18	55.81	....	....	57.33	56.26	57.56	57.76	....	61.62	58.80	....	62.06
19	55.85	Holiday	56.74	57.09	....	57.58	57.76	....	61.76	57.62	59.36	62.00
20	....	55.74	56.45	57.09	....	57.65	57.89	62.02	62.85	....	59.09	62.08
21	....	55.58	56.83	....	56.41	57.91	....	62.07	62.88	....	59.18	61.73
22	55.92	55.20	57.09	....	56.65	58.21	....	62.13	....	56.90	Holiday	....
23	56.27	54.88	57.08	57.29	56.38	....	57.77	61.96	....	56.70	59.66	....
24	56.07	....	....	57.61	56.43	....	57.98	61.94	62.37	56.83	....	61.74
25	56.62	....	....	57.80	56.61	57.90	58.62	....	62.40	56.61	....	Holiday
26	56.99	54.78	56.76	57.52	....	57.67	58.66	....	62.57	56.96	60.91	61.82
27	....	53.88	57.53	57.40	....	58.01	58.73	62.22	62.68	....	60.77	61.91
28	....	53.93	57.35	....	Holiday	58.33	....	62.16	62.24	....	61.00	61.88
29	56.85	....	57.34	....	56.53	58.38	....	62.18	....	57.05	61.03	....
30	56.60	....	57.13	57.36	56.01	....	58.79	62.20	....	58.11	60.71	....
31	55.99	....	....	....	55.99	....	59.14	62.40	....	57.71	....	61.95

NEW YORK STOCK EXCHANGE COMPOSITE STOCK INDEX
(DAILY CLOSE)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	49.79	48.49	....	54.36	54.59	....	56.61	58.54	....	53.79	53.77
2	Holiday	49.92	48.60	....	54.18	55.03	....	57.82	....	57.98	53.20	....
3	51.82	49.72	48.67	49.44	53.72	....	53.46	58.12	....	57.80	53.49	....
4	51.63	....	....	49.66	53.60	....	Holiday	58.34	Holiday	58.03	....	53.73
5	51.25	....	....	50.09	53.97	55.97	53.00	....	58.91	58.19	....	54.44
6	50.64	49.64	48.37	50.19	....	56.19	53.00	....	59.44	58.34	53.03	54.51
7	....	50.08	48.62	50.41	....	56.11	53.34	58.20	59.50	....	52.22	54.30
8	....	50.35	48.87	....	53.82	56.20	....	58.47	60.24	....	52.49	54.06
9	50.05	50.11	48.94	....	53.68	56.08	....	58.75	....	58.90	52.52	....
10	49.77	50.01	49.48	50.58	53.72	....	53.55	58.34	....	58.84	52.72	....
11	49.52	....	....	50.47	54.38	....	53.90	58.53	60.38	59.29	....	54.31
12	49.60	....	....	50.43	54.85	55.89	54.09	....	60.38	59.06	....	54.03
13	49.57	49.90	49.54	50.91	....	55.91	54.12	....	60.06	58.93	51.83	53.72
14	....	49.47	49.75	51.94	....	55.88	54.82	58.56	59.37	....	51.36	53.70
15	....	49.34	49.65	....	55.18	55.31	....	58.48	58.81	....	51.52	53.31
16	49.40	48.94	49.88	....	55.53	54.80	....	58.93	....	57.80	52.09	....
17	49.67	48.90	50.25	52.69	55.68	....	54.92	59.21	....	56.89	52.54	....
18	50.04	....	....	52.16	55.20	....	54.45	59.06	58.24	56.40	....	52.20
19	49.82	....	....	52.35	54.95	54.76	55.10	....	57.84	55.71	....	52.58
20	49.73	Holiday	50.57	52.73	....	54.22	55.07	....	57.32	54.76	53.04	52.83
21	....	48.69	50.05	52.65	....	53.91	54.91	58.56	57.36	....	52.96	52.89
22	....	48.69	49.89	....	55.43	54.07	....	58.76	57.37	....	53.24	53.77
23	49.38	48.73	49.86	....	54.90	53.90	....	59.12	....	54.79	Holiday	....
24	49.40	49.19	Holiday	53.36	54.36	....	54.88	59.26	....	54.46	53.44	....
25	49.47	....	....	53.81	54.24	...	55.27	59.22	57.38	54.34	....	Holiday
26	49.07	....	....	53.88	54.14	53.19	55.61	....	57.81	53.48	....	54.36
27	49.06	48.81	49.63	53.40	....	53.35	55.90	....	57.31	52.52	53.56	53.90
28	....	48.43	49.96	53.90	....	53.58	56.18	58.70	57.47	....	53.13	53.68
29	....	....	50.07	....	Holiday	53.69	....	58.38	57.78	....	52.38	53.62
30	49.45	....	49.95	....	54.30	53.66	....	58.48	....	52.65	52.89	....
31	49.41	....	49.85	....	54.52	....	56.59	58.35	....	51.67	....	....

VALUE LINE COMPOSITE STOCK INDEX
(DAILY CLOSE)
DURING 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	131.87	127.41	126.79	....	123.91	119.76	....	129.00	132.90	149.79	159.00
2	....	132.26	127.32	126.77	....	124.14	119.19	119.13	130.78	....	152.57	158.88
3	....	131.71	125.55	....	130.47	123.71	....	118.51	132.39	....	157.08	158.73
4	138.39	131.34	124.09	....	131.13	122.16	....	117.20	....	132.37	157.19	....
5	136.46	132.43	123.03	127.82	131.10	....	HOLIDAY	116.19	....	132.98	158.13	....
6	135.53	....	....	128.23	132.06	....	118.62	115.02	HOLIDAY	135.81	....	160.29
7	135.38	....	....	128.51	132.83	121.60	118.43	....	131.54	138.44	....	161.37
8	136.03	129.87	120.99	129.14	....	120.88	118.13	....	132.39	140.23	157.26	161.36
9	....	128.59	121.09	HOLIDAY	....	119.74	119.59	113.38	132.73	....	160.02	159.76
10	....	129.04	121.83	....	131.97	120.06	....	113.18	131.87	....	159.24	158.52
11	133.15	128.79	121.43	....	132.75	122.08	....	112.62	....	143.28	159.79	....
12	132.17	128.88	120.35	128.97	132.61	....	120.65	112.32	....	143.58	159.38	....
13	130.71	....	....	129.16	132.11	....	120.61	112.99	132.17	146.54	....	158.32
14	131.07	....	....	128.84	132.14	120.76	120.52	....	133.34	145.70	....	156.50
15	131.80	HOLIDAY	120.32	129.27	....	120.28	120.51	....	134.24	145.33	157.05	153.73
16	....	128.09	120.53	129.94	....	119.99	120.86	113.83	134.50	....	154.64	153.27
17	....	128.12	120.59	....	130.84	118.76	....	117.26	133.57	....	156.79	155.19
18	132.00	128.10	121.90	....	129.82	118.00	....	118.54	....	147.45	157.05	....
19	131.23	127.50	122.55	130.08	129.03	....	120.87	118.56	....	147.82	157.15	....
20	130.74	....	....	129.38	128.08	....	121.56	121.32	133.06	150.14	....	154.26
21	130.86	....	....	129.79	128.13	118.04	121.89	....	134.80	150.61	....	155.29
22	130.38	126.46	124.72	130.75	....	118.74	122.23	....	134.70	151.71	154.78	156.17
23	....	125.78	125.51	131.81	....	120.35	122.19	123.93	134.26	....	153.71	157.17
24	....	126.80	125.36	....	127.67	120.45	....	124.56	134.13	....	154.34	HOLIDAY
25	129.11	127.33	125.91	....	127.25	119.76	....	127.06	....	147.11	HOLIDAY	....
26	128.94	127.06	125.15	132.42	125.61	....	121.36	128.76	....	146.77	155.36	....
27	129.19	....	....	131.47	124.83	....	120.64	127.77	134.06	148.73	....	158.50
28	132.12	....	....	130.98	124.88	120.35	118.79	....	133.98	148.06	....	157.87
29	133.68	....	125.22	130.31	....	120.31	118.27	....	132.59	148.42	154.84	158.24
30	....	....	125.28	130.44	....	120.57	118.04	128.01	131.95	....	157.82	157.93
31	....	....	125.31	....	HOLIDAY	....	....	129.66	....	....	....	158.94

VALUE LINE COMPOSITE STOCK INDEX

(Daily Close)

During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	....	....	154.93	154.64	157.17	153.76	....	139.81	130.40	....	141.51
2	145.62	139.95	144.69	155.28	....	155.59	152.60	....	140.36	132.79	139.61	140.61
3	....	140.79	144.19	155.12	....	155.43	HOLIDAY	150.32	138.15	....	140.35	140.73
4	....	141.64	144.62	....	151.99	155.65	....	150.36	136.86	....	140.41	141.61
5	147.53	143.08	144.75	....	150.94	156.25	....	151.42	....	133.72	140.01	....
6	148.32	143.98	145.02	153.71	151.41	....	150.66	151.86	....	133.68	139.53	....
7	143.86	....	....	153.91	152.16	....	150.40	151.50	HOLIDAY	135.66	....	140.62
8	142.78	....	....	154.45	152.67	156.26	150.21	....	133.58	137.11	....	139.56
9	143.71	143.34	145.70	155.35	....	155.75	150.97	....	133.84	137.26	139.63	139.75
10	....	143.14	145.32	155.91	....	156.23	151.41	151.18	135.76	....	139.49	139.98
11	....	142.59	145.05	....	151.13	157.87	....	151.97	137.33	....	139.62	139.59
12	144.26	141.88	147.29	....	151.62	158.51	....	152.11	....	137.39	140.10	....
13	143.76	141.52	147.99	154.81	152.02	....	151.37	152.21	....	137.39	139.13	....
14	144.38	....	....	154.21	152.92	....	150.61	151.63	136.76	135.71	....	137.53
15	144.76	....	....	155.60	153.94	159.03	151.40	....	136.36	135.98	....	137.79
16	145.41	HOLIDAY	149.49	156.55	....	157.73	151.74	....	135.29	135.71	137.10	137.55
17	....	141.51	149.40	HOLIDAY	....	158.01	152.19	150.17	133.51	....	137.40	137.77
18	....	141.85	150.18	....	154.17	156.69	....	148.72	132.30	....	137.28	138.64
19	145.44	140.22	150.57	....	153.70	156.93	....	148.94	....	135.46	137.34	....
20	143.61	139.96	151.91	157.13	154.19	....	150.09	149.20	....	136.43	138.23	....
21	143.16	....	....	156.39	154.22	....	149.19	148.25	132.60	136.50	....	137.90
22	142.33	....	....	156.53	154.37	156.73	148.35	....	132.27	135.89	....	137.65
23	142.42	140.42	152.79	156.97	....	157.80	148.09	....	130.18	135.06	138.11	137.35
24	...	140.92	152.28	157.92	....	157.24	149.11	144.23	129.75	....	139.14	137.71
25	....	141.16	153.80	....	HOLIDAY	157.23	....	142.50	125.66	....	139.96	HOLIDAY
26	141.56	142.83	153.61	....	155.14	157.00	....	142.37	....	134.36	HOLIDAY	...
27	142.47	144.04	152.72	158.02	156.33	....	149.87	141.18	....	135.40	140.94	....
28	142.42	....	....	156.39	156.99	....	149.32	141.67	126.95	135.86	....	137.11
29	142.83	....	....	154.95	156.96	155.99	149.31	....	129.33	135.36	....	136.44
30	142.71	....	152.46	155.04	....	154.99	149.94	....	129.76	137.42	141.72	136.92
31	....	....	154.13	....	....	....	151.03	140.25	....	....	....	137.81

VALUE LINE COMPOSITE STOCK INDEX
(Daily Close)
During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	129.64	....	107.05	111.64	....	124.23	134.94	HOLIDAY	142.12	....	146.68
2	120.09	....	....	108.20	111.93	119.73	125.08	....	140.00	142.97	....	145.90
3	118.81	....	123.81	108.17	....	119.57	126.57	....	142.43	144.66	143.46	146.37
4	120.73	129.34	122.89	HOLIDAY	....	120.87	HOLIDAY	134.53	142.42	....	HOLIDAY	146.75
5	....	129.55	121.01	....	112.61	121.20	....	134.88	142.47	....	145.20	144.96
6	....	129.95	118.22	....	113.08	121.75	....	135.71	....	146.66	143.01	....
7	121.44	130.31	116.58	106.34	114.36	....	127.72	137.37	....	146.34	142.47	....
8	123.22	130.99	....	107.08	114.27	....	127.73	137.90	141.42	146.87	....	141.15
9	123.94	....	....	108.41	113.58	121.97	128.15	....	141.85	146.76	....	140.24
10	125.22	....	114.83	109.83	....	122.46	127.75	....	143.10	146.45	142.57	138.37
11	125.80	130.35	116.03	110.22	....	123.19	128.52	138.70	144.28	....	143.85	135.79
12	....	130.66	115.55	....	113.63	123.04	....	137.96	144.73	....	146.12	137.39
13	....	130.86	114.90	....	114.73	123.85	....	138.06	....	147.50	147.72	....
14	126.48	129.62	114.41	109.19	115.83	....	130.37	139.71	....	147.81	148.25	....
15	126.81	128.70	....	108.81	116.40	....	130.34	140.15	144.98	148.65	....	137.47
16	127.02	....	....	108.07	116.77	123.98	130.90	....	146.21	147.43	....	137.47
17	126.96	....	110.86	107.46	....	124.23	132.38	....	147.79	146.92	148.05	138.62
18	127.09	HOLIDAY	111.14	107.41	....	124.14	133.15	137.92	147.58	....	149.23	139.86
19	....	127.63	111.96	....	116.80	123.15	....	137.02	148.54	....	149.03	141.20
20	....	128.39	111.29	....	116.73	122.94	....	138.02	....	147.16	149.76	....
21	127.86	127.36	110.68	106.20	116.77	....	133.52	140.23	....	146.52	148.81	....
22	126.98	126.30	....	109.14	117.99	....	133.49	141.12	148.89	146.87	....	142.94
23	128.23	....	....	109.93	119.31	123.36	133.30	....	147.43	145.09	....	142.92
24	128.70	....	107.19	110.93	....	123.93	133.29	....	147.24	145.35	147.55	143.73
25	128.65	124.65	105.76	110.80	....	125.11	132.59	140.58	146.04	....	148.42	HOLIDAY
26	....	124.66	105.50	....	HOLIDAY	124.88	....	140.62	143.06	....	148.77	144.28
27	....	123.82	100.60	....	120.08	124.91	....	139.81	....	145.85	HOLIDAY	....
28	129.32	123.71	104.64	111.26	120.34	....	132.83	138.47	....	143.45	148.97	....
29	128.70	124.50	....	111.72	119.30	....	133.97	138.79	139.42	143.44	....	143.04
30	129.61	....	....	112.02	119.86	123.71	134.87	....	141.30	141.96	....	142.99
31	129.17	....	106.18	....	....	....	134.50	....	....	142.70	....	144.20

VALUE LINE COMPOSITE STOCK INDEX
(Daily Close)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	105.36	102.31	.....	110.86	109.49	.....	117.20	.....	122.54	111.14	.....
2	98.88	105.33	102.62	108.67	110.88	.....	112.90	117.54	.....	123.22	111.49	.....
3	100.64	.....	.....	110.08	110.86	.....	113.26	117.61	HOLIDAY	123.63	.....	117.18
4	102.00	.....	.....	110.48	109.98	109.49	HOLIDAY	.....	122.63	124.27	.....	117.86
5	103.19	103.91	103.54	111.00	.....	110.61	113.75	.....	120.58	125.25	110.72	118.48
6	.....	103.83	103.43	111.05	.....	111.18	114.83	117.68	121.31	.....	110.28	119.40
7	.....	102.64	104.23	.....	107.64	111.84	.....	118.77	122.15	.....	108.88	119.58
8	102.94	103.16	105.28	.....	107.19	112.00	.....	119.33	.....	123.49	109.41	.....
9	103.67	103.54	105.40	110.88	107.73	.....	115.48	119.35	.....	118.35	110.73	.....
10	103.36	.....	.....	111.44	106.95	.....	115.17	120.22	122.54	144.31	.....	119.90
11	103.67	.....	.....	110.76	107.10	112.11	114.90	.....	121.72	114.96	.....	119.74
12	104.73	103.59	105.52	110.80	.....	113.22	114.44	.....	122.28	115.16	112.05	120.03
13	.....	104.45	105.94	HOLIDAY	.....	113.18	114.12	121.13	122.58	.....	111.97	120.29
14	.....	104.40	105.97	.....	106.70	113.04	.....	121.47	123.59	.....	112.41	121.21
15	105.26	104.38	106.37	.....	106.77	113.27	.....	122.28	.....	113.25	113.19	.....
16	104.35	104.55	107.15	109.76	106.84	.....	114.61	122.12	.....	113.07	112.91	.....
17	104.13	.....	.....	109.67	108.16	.....	113.49	122.28	123.40	113.55	.....	121.64
18	104.92	.....	.....	110.46	108.45	112.86	112.97	.....	122.46	113.71	.....	120.92
19	105.19	HOLIDAY	107.58	110.29	.....	112.92	113.29	.....	122.63	111.19	113.27	120.73
20	.....	104.95	107.15	110.38	.....	113.17	113.60	122.67	123.51	.....	112.85	121.18
21	.....	104.88	107.76	.....	108.94	113.67	.....	122.86	123.90	.....	112.80	120.88
22	105.03	104.46	108.31	.....	109.42	114.14	.....	123.24	.....	108.58	HOLIDAY	.....
23	105.76	103.90	108.69	110.61	109.36	.....	113.34	123.12	.....	108.10	113.65	.....
24	105.48	.....	.....	111.13	109.70	.....	113.72	123.06	123.09	108.49	.....	121.06
25	106.20	.....	.....	111.42	110.33	113.46	114.80	.....	122.94	108.32	.....	HOLIDAY
26	106.80	103.69	108.28	111.08	.....	113.01	115.20	.....	123.49	109.05	116.00	121.37
27	.....	101.71	109.28	110.93	.....	113.51	115.59	123.49	123.74	.....	116.63	121.47
28	.....	101.63	109.19	.....	HOLIDAY	114.07	.....	123.44	123.19	.....	117.37	121.66
29	106.72	.....	109.46	.....	110.21	114.02	.....	123.63	.....	109.09	117.85	.....
30	106.48	.....	109.46	110.71	109.18	.....	115.79	123.84	.....	110.58	117.56	.....
31	105.52	.....	.....	.....	109.29	.....	116.52	124.45	.....	110.43	.....	121.91

VALUE LINE COMPOSITE STOCK INDEX
(DAILY CLOSE)
DURING 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	90.58	90.04	....	102.26	105.62	....	109.96	116.31	....	98.69	99.21
2	HOLIDAY	91.02	90.33	....	102.20	105.24	....	111.61	....	114.61	98.37	....
3	93.11	91.13	90.57	94.24	101.96	....	103.99	111.94	....	114.36	98.87	....
4	92.68	....	....	94.59	102.15	....	HOLIDAY	112.32	HOLIDAY	114.50	....	99.31
5	92.29	....	....	95.33	103.01	107.40	103.04	....	116.57	115.02	....	100.40
6	90.07	91.04	90.14	95.70	....	107.91	102.79	....	117.56	115.35	98.44	100.69
7	....	91.58	90.51	96.24	....	108.06	103.44	112.61	118.00	....	96.37	100.47
8	....	92.08	91.05	....	102.85	108.58	....	113.07	119.21	....	96.43	100.21
9	89.63	92.04	91.41	....	102.76	108.72	....	113.85	....	116.11	96.68	....
10	89.05	92.07	92.38	96.35	103.14	....	103.63	113.63	....	116.09	97.39	....
11	88.68	....	....	96.34	104.12	....	104.18	114.16	119.67	116.46	....	100.40
12	88.97	....	....	96.58	105.15	108.56	104.65	....	119.77	116.37	....	99.87
13	89.19	91.90	92.41	97.55	....	108.56	104.75	....	119.52	116.06	95.67	99.29
14	....	91.28	92.69	99.00	....	108.77	105.72	114.43	118.49	....	93.89	99.12
15	....	90.99	92.82	....	105.46	107.93	....	114.26	117.36	....	94.32	98.37
16	88.67	90.40	93.37	....	106.18	107.11	....	115.14	....	114.05	95.03	....
17	89.29	90.44	94.10	99.67	106.62	....	106.10	115.88	....	111.18	96.24	....
18	90.10	....	....	98.87	106.25	....	105.54	116.06	115.92	109.63	....	95.76
19	90.13	....	....	99.20	106.08	106.56	106.42	....	114.90	108.00	....	96.12
20	90.15	HOLIDAY	94.65	99.95	....	105.73	106.78	....	113.54	104.80	97.24	96.61
21	....	90.09	94.13	100.11	....	104.63	106.51	115.08	113.34	....	97.37	96.92
22	....	90.20	93.96	....	106.72	104.91	....	115.27	113.63	....	98.05	98.43
23	89.71	90.33	94.17	....	106.03	104.95	....	116.08	....	103.70	HOLIDAY	....
24	89.75	91.07	HOLIDAY	100.92	104.88	....	106.32	116.70	....	103.46	98.64	....
25	90.04	....	....	101.42	104.87	....	106.80	116.91	113.53	103.32	....	HOLIDAY
26	89.56	....	....	101.51	104.83	103.51	107.46	....	114.38	100.58	....	98.99
27	89.55	90.65	94.04	100.88	....	103.26	108.19	....	113.58	97.44	98.82	98.27
28	....	90.00	94.59	101.57	....	103.62	108.84	116.21	113.69	....	98.26	97.70
29	....	....	95.12	....	HOLIDAY	104.05	....	115.66	114.38	....	96.94	97.97
30	89.98	....	95.07	....	105.10	104.11	....	116.09	....	95.93	97.60	....
31	89.96	....	94.94	....	105.53	....	109.73	115.92	....	94.49	....	....

AMERICAN STOCK EXCHANGE
MARKET VALUE INDEX (DAILY CLOSE)
During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	287.38	269.91	263.37	....	265.02	249.40	....	278.69	283.12	321.73	337.36
2	....	288.98	268.45	264.86	....	265.49	248.38	250.21	281.89	....	328.62	336.50
3	....	286.50	260.21	....	270.50	263.32	....	251.12	285.08	....	336.45	334.81
4	321.41	285.00	255.82	....	271.82	258.98	....	247.85	....	281.25	336.58	....
5	314.59	285.51	250.69	263.65	270.02	....	Holiday	248.12	....	283.14	337.66	....
6	311.29	....	....	264.89	271.92	....	246.42	244.99	Holiday	288.28	....	335.98
7	309.50	....	....	266.65	275.97	258.00	246.16	....	281.49	294.47	....	338.91
8	310.82	277.25	244.66	270.76	....	256.87	245.17	....	282.96	299.14	335.94	338.70
9	....	273.81	245.40	Holiday	....	254.62	248.50	240.36	283.85	....	341.32	336.10
10	....	275.06	249.19	....	275.74	254.57	....	240.00	281.19	....	339.87	334.37
11	300.19	275.91	248.18	....	280.94	259.78	....	238.54	....	304.09	341.85	....
12	297.94	275.00	244.94	272.88	280.18	....	249.29	237.29	....	307.00	339.90	....
13	291.40	....	....	274.94	279.41	....	248.33	237.54	281.67	314.79	....	335.30
14	292.61	....	....	274.41	278.95	255.95	248.51	....	284.82	314.39	....	330.63
15	296.61	Holiday	244.93	273.48	....	254.09	250.20	....	287.46	313.88	334.46	325.25
16	....	271.68	245.52	274.15	....	251.57	252.00	238.27	289.32	....	328.19	325.36
17	....	272.20	246.50	....	275.70	248.73	....	244.30	289.13	....	333.22	328.95
18	296.49	271.01	251.50	....	273.81	246.38	....	247.94	....	318.13	335.55	....
19	294.35	269.57	253.62	273.95	272.85	....	253.27	248.94	....	317.56	334.16	....
20	289.60	....	....	271.61	268.78	....	254.12	255.52	288.08	322.59	....	326.59
21	287.55	....	....	271.16	270.05	245.68	254.33	....	293.76	323.84	....	328.48
22	285.91	266.18	260.81	273.39	....	249.12	254.30	....	292.65	326.60	329.16	329.96
23	....	265.05	262.15	275.80	....	255.13	256.82	261.72	290.92	....	326.25	331.39
24	....	267.19	259.94	....	268.93	253.82	....	265.28	290.64	....	328.16	Holiday
25	282.62	267.58	262.13	....	268.61	252.43	....	271.63	....	316.42	Holiday	....
26	279.04	266.13	260.20	276.29	266.40	....	255.26	276.37	....	314.80	330.36	....
27	279.67	....	....	273.47	265.87	....	254.22	275.41	289.19	321.31	....	333.83
28	292.59	....	....	272.83	271.23	253.26	250.39	....	288.70	318.95	....	332.53
29	295.66	....	260.60	271.12	....	250.22	249.16	....	286.02	319.82	328.81	335.73
30	....	....	261.35	270.46	....	250.79	248.99	276.37	283.18	....	336.17	336.64
31	....	....	260.12	....	Holiday	....	....	280.02	....	....	....	340.60

AMERICAN STOCK EXCHANGE
MARKET VALUE INDEX (DAILY CLOSE)
During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	....	....	368.89	356.24	370.44	371.88	....	352.89	300.00	....	330.56
2	355.60	334.03	339.26	370.24	....	363.40	366.84	....	352.29	307.67	320.31	326.40
3	....	335.87	337.08	369.13	....	368.84	Holiday	358.88	338.29	....	324.25	327.75
4	....	338.23	337.29	....	349.65	369.37	....	359.84	337.28	....	324.27	330.12
5	357.27	342.18	336.57	....	349.98	370.01	....	368.37	....	307.90	324.12	....
6	353.59	347.43	336.66	364.31	353.23	....	360.20	370.46	....	308.69	324.92	....
7	339.09	....	....	363.75	359.99	....	360.77	369.52	Holiday	312.41	....	325.98
8	336.38	....	....	365.18	362.18	367.90	360.74	....	323.00	315.53	....	321.99
9	339.93	346.59	339.89	367.72	....	365.39	362.05	....	320.70	314.14	325.29	324.18
10	....	347.43	336.94	368.50	....	365.47	363.44	369.14	326.56	....	320.86	326.03
11	....	344.09	336.39	....	357.66	368.41	....	374.67	331.05	....	322.36	323.01
12	340.17	342.44	343.43	....	358.25	367.71	....	377.96	....	313.42	325.05	....
13	338.86	339.31	344.41	363.10	363.25	....	363.50	380.36	....	312.17	317.72	....
14	339.38	....	....	358.00	369.29	....	364.84	378.09	327.44	305.95	....	316.86
15	344.29	....	....	361.05	370.90	367.69	366.90	....	321.05	308.33	....	317.80
16	347.94	Holiday	347.46	365.42	....	363.42	370.67	....	313.31	307.19	309.87	317.97
17	....	336.90	345.66	Holiday	....	367.42	370.02	373.57	305.67	....	311.25	318.87
18	....	336.39	346.42	....	368.84	367.71	....	367.94	300.33	....	311.12	321.19
19	348.03	331.77	346.62	....	367.47	370.61	....	368.29	....	305.78	314.82	....
20	345.28	330.34	352.39	365.86	369.07	....	363.65	368.54	....	308.88	318.11	....
21	343.53	....	....	361.47	370.75	....	362.97	364.65	300.79	305.64	....	319.30
22	340.78	....	....	361.48	373.53	371.60	362.95	....	300.97	309.30	....	318.49
23	341.36	331.99	354.56	360.57	....	372.96	364.73	....	294.42	307.35	318.05	319.87
24	....	333.25	356.07	361.08	....	372.50	366.72	352.52	292.12	....	321.54	321.24
25	....	333.91	362.03	....	Holiday	374.41	....	351.21	276.76	....	323.36	Holiday
26	338.57	336.31	361.32	....	375.47	378.71	....	349.27	....	305.37	Holiday	....
27	343.41	338.94	357.87	361.27	379.77	....	367.58	348.69	....	310.58	330.16	....
28	343.43	....	....	357.15	377.87	....	362.02	354.80	285.79	309.18	....	318.53
29	346.59	....	....	354.47	377.00	373.45	360.05	....	291.96	306.22	....	316.49
30	345.03	....	356.65	356.25	....	374.63	360.66	....	292.86	312.02	332.85	317.24
31	....	....	360.60	....	....	....	361.97	349.93	....	....	....	320.63

AMERICAN STOCK EXCHANGE
MARKET VALUE INDEX (DAILY CLOSE)
During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	277.57	....	234.36	252.95	....	297.60	313.72	Holiday	338.20	....	365.03
2	241.41	....	....	238.05	254.81	272.51	301.34	....	328.62	339.11	....	362.81
3	239.66	....	301.38	237.01	....	273.69	306.36	....	333.14	340.39	338.85	363.21
4	243.55	276.64	300.16	Holiday	....	279.18	Holiday	310.53	331.90	....	Holiday	362.58
5	....	278.25	296.37	....	255.66	279.54	....	310.90	331.36	....	338.81	355.17
6	....	279.97	286.26	....	254.83	282.01	....	313.47	....	346.62	332.25	....
7	246.38	284.25	277.50	231.77	254.32	....	309.89	317.13	....	344.36	335.16	....
8	250.88	288.79	....	237.00	251.68	....	308.59	319.41	328.24	346.67	....	342.27
9	251.75	....	....	244.10	246.31	283.89	307.27	....	331.44	347.27	....	341.53
10	254.45	....	265.40	247.89	....	285.74	303.81	....	336.13	348.55	333.76	334.59
11	255.76	286.65	271.93	247.30	....	288.92	306.60	322.25	339.99	....	338.76	327.69
12	....	288.91	271.42	....	245.78	287.12	....	318.96	341.35	....	340.31	333.48
13	....	287.74	266.11	....	251.42	287.75	....	319.45	....	353.31	348.17	....
14	258.69	281.38	262.03	244.67	254.01	....	310.12	324.85	....	352.74	352.21	....
15	260.19	281.35	....	243.56	253.44	....	306.44	325.06	339.46	361.11	....	333.28
16	261.64	....	....	238.20	257.81	287.21	307.88	....	340.94	358.00	....	335.04
17	262.95	....	249.20	235.21	....	288.90	307.92	....	343.72	357.65	354.34	340.81
18	264.46	Holiday	253.27	235.72	....	288.97	310.41	318.71	340.14	....	357.98	342.28
19	....	286.02	258.28	....	259.24	284.38	....	317.54	340.06	....	355.72	347.58
20	....	294.95	255.75	....	259.73	285.12	....	324.66	....	362.96	360.28	....
21	266.39	297.52	252.78	233.70	260.33	....	312.04	331.09	....	361.69	358.44	....
22	261.00	296.59	....	245.03	262.92	....	311.32	332.15	345.18	363.33	....	353.39
23	264.00	....	....	246.58	266.77	286.82	316.66	....	345.13	355.65	....	351.04
24	266.60	....	241.17	247.91	....	289.46	317.92	....	347.49	355.44	356.44	352.50
25	266.79	293.82	237.13	249.31	....	294.42	316.47	331.48	342.63	....	361.60	Holiday
26	....	297.83	231.92	....	Holiday	294.37	....	331.25	334.46	....	365.75	354.22
27	....	298.27	215.69	....	271.79	296.76	....	328.55	....	351.43	Holiday	....
28	270.79	299.89	228.89	249.86	273.96	....	314.96	323.29	....	355.59	370.75	....
29	270.65	303.48	....	252.32	268.07	....	317.28	324.77	324.38	344.41	....	349.37
30	276.37	....	....	253.37	271.67	293.61	316.04	....	331.55	331.45	....	349.54
31	275.42	....	233.04	....	....	....	314.49	....	....	335.99	....	348.99

AMERICAN STOCK EXCHANGE
MARKET VALUE INDEX (DAILY CLOSE)
During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	158.78	162.27	....	184.19	188.00	....	198.54	....	225.31	206.93	....
2	152.03	159.25	162.97	177.46	184.28	....	198.99	199.16	....	229.70	209.04	....
3	154.19	....	....	179.85	184.15	....	199.31	198.99	Holiday	230.15	....	228.09
4	156.0[illegible]	....	....	180.65	182.55	189.25	Holiday	....	214.73	232.57	....	229.66
5	157.6[illegible]	157.99	164.49	182.38	....	190.29	199.16	....	210.00	235.15	208.33	230.58
6	....	158.16	164.15	181.74	....	191.93	200.47	199.01	215.99	....	207.24	233.47
7	....	156.99	164.82	....	176.93	194.53	....	199.43	222.59	....	203.95	232.26
8	157.45	158.74	166.69	....	175.66	194.28	....	200.20	....	232.41	205.95	....
9	158.43	160.08	166.66	181.10	177.01	....	201.71	200.54	....	220.15	208.74	....
10	158.37	....	....	181.53	175.69	....	200.22	202.41	223.42	212.65	....	233.51
11	158.86	....	....	180.42	176.41	194.07	197.83	....	221.48	213.24	....	235.11
12	160.33	160.71	168.39	180.32	....	196.04	195.61	....	224.43	212.81	213.09	237.32
13	....	161.82	170.15	Holiday	....	195.95	196.09	203.54	223.61	....	213.33	238.72
14	....	162.16	170.83	....	176.17	195.71	....	204.22	225.92	....	215.22	240.61
15	161.13	162.58	171.65	....	176.05	197.19	....	208.11	....	209.14	218.14	....
16	159.38	163.15	172.77	179.03	176.22	....	197.18	207.98	....	207.35	218.06	....
17	159.50	....	....	178.65	178.84	....	195.46	211.00	223.87	208.80	....	244.15
18	160.70	....	....	180.39	180.10	196.73	194.27	....	222.62	209.79	....	242.18
19	161.04	Holiday	173.86	180.43	....	195.84	194.87	....	223.87	205.48	220.20	241.85
20	....	163.35	173.02	180.82	....	197.57	195.37	213.87	227.61	....	220.63	243.23
21	....	163.34	174.10	....	181.18	199.83	....	215.00	227.24	....	220.06	242.44
22	160.62	163.17	175.28	....	181.75	200.25	....	215.14	....	198.54	Holiday	....
23	161.08	162.75	176.80	180.88	182.10	....	195.28	214.87	....	195.76	223.14	....
24	160.39	....	....	182.44	183.09	....	195.47	216.24	225.36	197.15	....	242.62
25	161.70	....	....	183.51	185.45	199.73	196.91	....	225.47	196.60	....	Holiday
26	162.35	163.36	176.77	183.43	....	198.91	198.50	....	226.53	200.79	227.41	243.15
27	....	160.51	179.21	183.65	....	200.09	199.58	217.40	226.99	....	226.33	244.88
28	....	160.74	179.03	....	Holiday	200.77	....	216.45	225.18	....	227.06	245.61
29	161.93	....	179.61	....	187.49	200.76	....	215.59	....	202.46	227.57	....
30	161.26	....	179.70	184.18	185.65	....	199.30	215.15	....	203.88	227.78	....
31	159.24	....	....	....	186.94	....	198.69	217.61	....	203.64	....	247.07

AMERICAN STOCK EXCHANGE
MARKET VALUE INDEX (DAILY CLOSE)
During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	122.57	122.70	....	137.24	144.80	....	154.57	170.70	....	143.42	150.28
2	Holiday	122.80	123.06	....	137.70	145.61	....	156.58	....	169.54	143.50	....
3	126.69	122.78	123.09	128.43	138.07	....	145.54	157.26	....	168.93	145.32	....
4	126.14	....	....	128.95	138.79	....	Holiday	157.93	Holiday	169.72	....	150.26
5	124.91	....	....	129.85	139.89	146.49	144.90	....	171.06	169.83	....	151.53
6	123.05	122.92	122.56	130.85	....	147.15	145.17	....	171.21	170.23	144.48	151.94
7	....	123.66	123.23	131.81	....	147.59	146.30	158.37	171.98	....	141.58	151.49
8	....	124.15	123.97	....	140.04	149.10	....	159.05	175.13	....	141.99	151.16
9	121.13	124.33	124.43	....	140.18	149.35	....	160.04	....	171.49	142.07	....
10	120.15	124.64	125.35	132.27	140.68	....	146.70	160.25	....	171.41	143.39	....
11	119.73	....	....	132.35	141.56	....	147.48	161.30	176.30	172.01	....	151.31
12	120.46	....	....	132.54	142.57	149.30	148.16	....	176.69	172.15	....	150.76
13	120.64	124.41	125.65	133.68	....	150.45	148.62	....	176.87	170.79	141.23	150.23
14	....	123.67	125.77	134.69	....	151.32	149.92	161.90	175.77	....	138.98	150.21
15	....	123.46	126.09	....	142.92	150.74	....	161.56	174.06	....	139.69	149.30
16	120.35	122.48	126.79	....	143.83	150.16	....	162.73	....	167.83	141.03	....
17	120.62	122.95	127.33	135.75	144.67	....	150.85	164.09	....	163.55	143.38	....
18	121.19	....	....	134.66	144.35	....	150.17	164.52	171.27	160.59	....	145.68
19	121.59	....	....	134.83	144.66	149.57	151.00	....	169.07	158.17	....	146.38
20	121.83	Holiday	127.94	135.31	....	148.22	151.54	....	166.32	152.39	145.03	147.40
21	....	122.86	127.32	135.43	....	147.05	151.84	163.95	166.48	....	145.69	148.34
22	....	122.95	127.36	. . .	145.85	147.18	....	164.75	167.28	....	147.45	150.85
23	121.43	123.02	128.01	....	145.29	147.27	....	165.67	150.42	150.42	Holiday	....
24	121.22	123.87	Holiday	136.44	143.93	....	151.66	167.31	....	150.45	148.59	....
25	121.48	....	....	136.68	143.97	....	152.26	167.89	166.79	150.31	....	Holiday
26	120.62	....	....	136.65	144.30	145.59	152.88	....	168.25	146.38	....	151.53
27	120.84	123.34	128.31	135.85	....	144.77	153.58	....	167.43	141.31	148.84	150.08
28	....	122.85	128.67	136.36	....	145.08	154.15	166.55	167.58	....	147.44	149.42
29	....	....	128.94	....	Holiday	145.69	....	165.60	168.31	....	146.13	150.56
30	121.42	....	128.86	....	144.39	145.55	....	167.73	...	138.73	148.39	....
31	121.39	....	128.94	....	144.87	....	154.73	168.42	....	136.75	....	....

NATIONAL ASSOCIATION OF SECURITIES DEALERS
NASDAQ COMPOSITE INDEX (Daily Close)

During 1982

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	186.82	180.13	177.31	....	177.36	170.60	....	177.30	188.70	214.52	235.59
2	....	187.46	180.14	178.56	....	177.82	170.05	168.37	179.59	....	217.65	236.18
3	....	187.43	178.01	....	184.97	177.10	....	167.97	182.05	....	222.77	237.16
4	195.53	187.14	176.29	....	18595	174.82	....	166.56	....	188.02	225.01	....
5	192.33	188.21	173.97	178.21	185.88	....	HOLIDAY	165.15	....	188.77	227.03	....
6	191.15	....	....	178.68	187.27	....	169.22	163.59	HOLIDAY	191.98	....	239.29
7	191.02	....	....	179.91	188.13	173.87	168.08	....	180.88	195.59	....	240.65
8	192.05	184.63	171.03	181.15	....	173.28	166.80	....	181.79	198.89	226.74	240.70
9	....	182.51	169.71	HOLIDAY	....	170.94	168.07	161.38	182.77	....	230.19	237.24
10	....	182.97	170.42	....	187.57	171.37	....	161.32	182.47	....	230.41	233.85
11	188.80	182.25	170.09	....	188.19	173.55	....	160.77	....	202.31	231.52	....
12	187.32	182.52	168.23	180.89	188.06	....	168.85	159.84	....	202.16	232.61	....
13	185.73	....	....	180.76	187.66	....	169.35	159.14	182.90	205.17	....	233.33
14	185.89	....	....	180.41	188.22	172.15	169.21	....	184.60	204.85	....	231.33
15	187.32	HOLIDAY	167.92	181.12	....	171.19	169.61	....	186.31	204.46	229.34	225.69
16	....	180.71	168.28	182.25	....	171.44	170.18	159.68	186.80	....	224.97	225.60
17	....	181.25	168.20	....	186.90	169.85	....	162.28	186.61	....	227.75	228.93
18	187.21	181.38	170.13	....	185.81	168.50	....	164.99	....	206.61	229.28	....
19	186.16	180.65	171.76	182.37	183.91	....	170.09	164.92	....	207.48	229.41	....
20	185.72	....	....	181.94	182.72	....	170.83	166.96	186.00	210.70	....	227.88
21	186.40	....	....	182.32	182.40	168.00	171.54	....	187.91	212.83	....	228.52
22	185.83	179.07	173.83	183.66	....	169.05	172.06	....	188.62	215.29	225.79	231.04
23	....	177.49	174.95	184.93	....	170.86	172.11	169.88	188.15	....	225.17	232.33
24	....	178.58	174.84	....	181.71	171.12	....	172.23	188.61	....	226.88	HOLIDAY
25	183.52	179.44	175.83	....	181.12	170.48	....	174.93	....	210.89	HOLIDAY	....
26	183.41	174.43	175.20	185.80	178.76	....	171.45	178.17	....	209.92	228.64	....
27	183.57	....	....	184.72	178.37	....	170.71	177.60	188.64	212.20	....	233.20
28	186.22	....	....	184.89	178.54	171.07	168.37	....	189.04	211.87	....	232.20
29	188.39	....	175.50	184.15	....	170.53	167.60	....	188.26	212.63	228.39	232.27
30	....	....	175.42	184.70	....	171.30	167.35	176.36	187.65	....	232.31	231.28
31	....	....	175.65	....	HOLIDAY	....	....	177.71	....	....	....	232.41

NATIONAL ASSOCIATION OF SECURITIES DEALERS
NASDAQ COMPOSITE INDEX (Daily Close)
During 1981

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	.....	.....	211.34	216.68	223.02	214.63	.....	195.17	181.09	.....	201.13
2	203.55	193.09	199.06	211.96	.....	219.59	212.80	.....	195.39	184.37	197.25	200.35
3	.....	193.56	198.35	212.65	.....	218.89	HOLIDAY	210.40	191.99	.....	198.78	199.90
4	.....	194.57	198.75	.....	213.32	219.68	.....	210.09	189.63	.....	199.73	200.88
5	204.17	196.29	199.05	.....	211.55	221.30	.....	211.03	.....	185.91	200.02	.....
6	204.07	197.87	199.89	211.27	211.98	.....	209.10	211.67	.....	185.87	199.97	.....
7	197.35	.....	.....	211.76	213.66	.....	208.01	211.36	HOLIDAY	188.78	.....	199.71
8	195.89	.....	.....	212.80	214.84	220.84	208.44	.....	184.79	191.01	.....	198.13
9	197.66	196.93	200.14	213.91	.....	220.01	210.03	.....	184.77	191.27	199.92	198.29
10	.....	196.70	199.03	215.15	.....	220.40	210.54	210.84	187.55	.....	199.90	198.92
11	.....	195.81	198.16	.....	212.79	222.34	.....	211.67	189.81	.....	200.05	198.64
12	198.44	194.61	200.67	.....	213.12	222.76	.....	211.95	.....	191.28	200.99	.....
13	198.05	193.89	202.17	214.33	213.78	.....	210.86	212.36	.....	191.92	200.16	.....
14	199.08	.....	.....	213.39	215.18	.....	209.88	212.12	189.62	189.43	.....	195.67
15	199.85	.....	.....	214.98	216.51	222.96	210.84	.....	189.56	189.85	.....	195.16
16	201.13	HOLIDAY	203.44	216.64	.....	220.58	212.02	.....	187.82	190.24	197.16	195.09
17	.....	193.98	203.19	HOLIDAY	.....	220.61	212.76	209.65	185.71	.....	197.68	195.70
18	.....	194.73	204.00	.....	216.94	218.71	.....	207.01	184.27	.....	197.60	197.01
19	201.58	192.74	204.45	.....	216.12	219.56	.....	207.22	.....	189.77	197.32	.....
20	198.72	192.29	206.29	217.55	217.63	.....	209.27	207.97	.....	191.23	198.60	.....
21	198.09	.....	.....	216.73	218.35	.....	207.17	206.76	184.41	192.38	.....	196.37
22	197.12	.....	.....	217.19	219.23	218.60	206.16	.....	183.26	192.43	.....	195.64
23	197.52	193.06	207.62	218.02	.....	219.23	206.41	.....	179.99	191.91	198.01	195.45
24	.....	193.94	207.70	219.56	.....	218.77	208.00	200.76	180.39	.....	199.04	195.70
25	.....	193.99	209.31	.....	HOLIDAY	219.31	.....	197.78	175.12	.....	200.01	HOLIDAY
26	196.13	196.13	209.53	.....	220.24	219.76	.....	197.81	.....	191.01	HOLIDAY	.....
27	197.18	198.01	208.82	219.88	222.17	.....	209.42	196.82	.....	192.61	201.02	.....
28	197.37	.....	.....	217.63	223.31	.....	203.91	197.55	175.03	193.75	.....	195.14
29	197.88	.....	.....	216.22	223.47	218.22	208.95	.....	178.51	193.08	.....	193.91
30	197.81	.....	208.96	216.74	.....	215.75	210.03	.....	180.03	195.24	201.37	194.66
31	.....	.....	210.18	.....	.....	.....	211.63	195.75	.....	.....	.....	195.84

NATIONAL ASSOCIATION OF SECURITIES DEALERS
NASDAQ COMPOSITE INDEX (Daily Close)
During 1980

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	HOLIDAY	162.30	....	133.14	139.68	....	158.17	172.49	HOLIDAY	189.62	....	204.91
2	148.17	....	....	135.80	140.25	150.17	159.18	....	182.34	190.81	....	203.71
3	145.97	....	156.87	136.01	....	149.92	160.87	....	184.53	193.43	193.15	204.90
4	148.02	162.02	155.39	HOLIDAY	....	151.21	HOLIDAY	171.89	185.05	....	HOLIDAY	206.19
5	....	162.20	152.94	....	141.04	152.21	....	172.52	185.61	....	196.03	203.02
6	....	162.99	148.64	....	142.23	152.68	....	173.45	....	196.01	193.96	....
7	148.62	163.77	146.19	133.40	143.58	....	163.63	175.24	....	196.17	193.51	....
8	150.68	165.25	....	134.47	143.26	....	163.58	175.88	184.45	197.18	....	195.87
9	151.60	....	....	136.04	143.06	153.00	164.09	....	184.84	197.53	....	195.07
10	153.12	....	143.75	137.28	....	154.15	163.84	....	186.31	197.79	193.10	193.58
11	153.87	164.46	144.56	137.75	....	155.22	164.82	177.11	188.16	....	195.02	188.75
12	....	164.57	144.63	....	142.96	155.31	....	176.62	189.58	....	197.78	191.22
13	....	164.98	144.97	....	144.10	156.59	....	177.02	....	198.87	200.25	....
14	154.40	163.54	144.44	136.67	145.66	....	166.52	178.76	....	199.02	201.76	....
15	154.96	162.56	....	136.39	146.62	....	167.05	179.89	189.59	199.43	....	191.83
16	155.99	....	....	135.76	147.24	156.78	167.10	....	191.31	197.95	....	191.88
17	155.81	....	139.70	134.55	....	156.98	168.67	....	193.95	197.24	201.59	194.02
18	156.14	HOLIDAY	138.92	134.66	....	157.19	169.99	177.24	193.61	....	203.76	196.01
19	....	161.06	139.97	....	147.24	156.73	....	176.28	195.33	....	205.02	197.91
20	....	162.10	139.64	....	146.93	156.51	....	177.68	....	197.15	206.50	....
21	157.35	161.31	138.80	133.08	146.75	....	170.48	179.91	....	196.46	206.07	....
22	156.92	160.08	....	135.71	147.96	....	169.79	181.70	195.94	197.90	....	199.79
23	158.50	....	....	136.92	149.48	156.99	169.82	....	195.05	195.81	....	199.86
24	159.24	....	134.61	138.69	....	157.66	169.92	....	195.18	196.17	204.22	200.14
25	159.70	157.97	132.52	137.92	....	158.74	169.63	181.58	194.05	....	205.41	HOLIDAY
26	....	158.50	132.22	....	HOLIDAY	159.00	....	182.39	190.77	....	207.06	201.28
27	....	157.73	124.09	....	150.10	159.18	....	182.15	....	194.35	HOLIDAY	....
28	160.70	157.46	129.25	138.54	150.70	....	170.02	180.99	....	193.76	208.15	....
29	160.29	158.03	....	139.35	150.09	....	171.06	181.52	185.79	194.49	....	199.84
30	161.30	....	....	139.99	150.45	157.78	172.33	....	187.76	192.51	....	200.46
31	161.75	....	131.00	....	....	....	171.81	....	....	192.78	....	202.34

NATIONAL ASSOCIATION OF SECURITIES DEALERS
NASDAQ COMPOSITE INDEX (Daily Close)

During 1979

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	Holiday	125.76	123.33	....	133.79	131.76	....	141.90	....	149.59	136.42	....
2	117.84	125.82	123.67	131.36	133.99	....	136.98	142.54	....	150.01	136.88	....
3	119.11	....	....	132.33	134.20	....	137.03	142.63	Holiday	150.51	....	143.86
4	120.66	....	....	132.75	133.72	131.95	Holiday	....	148.49	151.42	....	144.80
5	122.05	124.34	124.72	133.37	....	133.02	137.79	....	146.03	152.29	136.11	145.92
6	....	124.31	124.43	133.75	....	13[illegible].62	138.64	142.41	146.87	....	135.66	147.04
7	....	122.80	125.61	....	130.60	134.55	....	143.30	148.07	....	134.14	147.49
8	121.92	123.41	127.05	....	129.60	134.96	....	144.06	....	150.98	134.77	....
9	122.66	123.76	127.25	133.74	130.34	....	139.15	144.27	....	145.20	135.86	....
10	122.28	....	....	134.22	129.71	....	138.97	145.07	148.91	139.31	....	147.97
11	122.76	....	....	133.57	129.69	135.04	138.85	....	148.39	140.09	....	147.83
12	123.74	124.05	127.19	133.54	....	135.92	138.68	....	148.66	140.71	137.05	148.51
13	....	124.89	127.69	Holiday	....	136.01	138.52	146.07	149.33	....	137.14	148.97
14	....	124.61	127.59	....	128.99	136.02	....	146.30	150.56	....	137.76	150.03
15	124.47	124.93	127.85	....	129.01	136.25	....	147.14	....	138.39	138.92	....
16	123.74	125.57	128.55	132.48	129.35	....	138.89	147.44	....	138.34	139.07	....
17	123.59	....	....	132.26	130.44	....	137.86	147.84	150.46	139.04	....	150.56
18	124.31	....	....	132.91	131.01	135.85	137.26	....	149.19	139.46	....	149.72
19	124.65	Holiday	129.14	133.18	....	136.05	137.57	....	149.44	136.59	139.98	149.65
20	....	125.83	128.79	133.67	....	136.45	137.98	147.95	150.20	....	139.50	150.27
21	....	125.76	129.44	....	131.16	136.71	....	147.99	150.65	....	138.88	150.17
22	124.66	125.45	130.08	....	131.90	137.24	....	148.74	....	133.16	Holiday	....
23	125.46	125.04	130.58	133.87	132.12	....	137.57	149.13	....	132.61	139.85	....
24	125.34	....	....	134.29	132.10	....	138.02	149.40	150.12	133.02	....	149.97
25	126.42	....	....	134.78	132.68	136.89	138.97	....	149.27	132.73	....	Holiday
26	127.04	124.90	130.11	134.64	....	136.53	139.52	....	149.88	133.75	141.95	150.01
27	....	122.64	130.78	134.37	....	137.40	140.02	149.51	150.37	....	142.55	150.23
28	....	122.56	130.87	....	Holiday	138.08	....	149.54	149.98	....	143.53	150.83
29	126.77	....	131.29	....	132.46	138.13	....	150.04	....	133.91	144.16	....
30	126.51	....	131.76	133.82	131.39	....	140.54	150.06	....	135.48	144.26	....
31	125.82	....	....	....	131.42	....	141.33	150.44	....	135.53	....	151.14

1982 WEEKLY CASH LUMBER PRICES

Random Lengths 2x4s 8/20′, Studs and Plywood Sheathing
Prices to Wholesalers, net f.o.b. Mill—According to Random Lengths
(Dollars per 1000 BD. FT./SQ. FT.)

		Random Lengths Standard & Better—			Stud Grade	Plywood Sheathing— (½" CD Exterior	
Week Ending		Hem-Fir Spokane	*Spruce-Pine-Fir Western	Great Lakes	Western	Western 4/5-Ply	Southern-Central 3-Ply
Jan.	8	167	136	202	118	180	173
	15	166	139	195	119	181	170
	22	168	136	200	118	183	164
	29	168	131	195	116	182	158
Feb.	5	168	129	195	116	179	158
	12	165	130	193	118	178	158
	19	164	134	195	121	174	158
	26	156	132	200	121	177	158
Mar.	5	155	131	200	121	177	160
	12	160	131	200	125	177	162
	19	160	136	200	130	175	164
	26	163	137	210	134	175	165
Apr.	2	167	136	210	134	171	165
	9	167	133	208	134	168	165
	16	167	131	200	132	162	164
	23	160	128	198	128	163	160
	30	162	124	195	122	162	160
May	7	159	128	203	126	159	163
	14	159	128	205	125	162	170
	21	159	132	208	130	173	184
	28	166	142	212	138	176	195
June	4	164	142	215	137	175	200
	11	166	150	220	141	170	201
	18	167	153	230	142	168	200
	25	164	152	230	137	165	200
July	2	160	148	225	133	164	196
	9	158	147	225	132	163	190
	16	158	145	218	130	166	186
	23	157	138	212	124	168	184
	30	152	133	203	121	166	179
Aug.	6	150	135	202	122	165	175
	13	148	132	205	120	164	175
	20	155	136	210	122	173	181
	27	155	135	210	122	176	199
Sep.	3	154	136	205	121	176	204
	10	154	136	210	121	174	204
	17	150	136	205	120	170	195
	24	149	132	202	118	174	188
Oct.	1	149	130	200	116	174	182
	8	150	133	203	120	177	189
	15	160	143	210	124	189	193
	22	160	142	215	124	190	195
	29	160	138	213	121	188	190
Nov.	5	169	151	220	126	190	191
	12	174	152	222	127	191	194
	19	180	160	230	142	196	197
	26	180	162	238	143	199	197
Dec.	3	182	164	240	144	200	196
	10	181	160	237	140	194	194
	17	185	173	240	153	190	194
	24	Market Upquoted during Holiday Season.				190	194
	31	188	175	245	158	188	194

*Western Inland stock is from Southern Oregon/Northern California coast, from Western Oregon or Washington; sales principally to western markets from Redding (inland) and Portland (coast) rate areas. Great Lakes, tax included.

Section Five

ECONOMIC INDICATORS AND FUNDAMENTALS

PRIME RATE CHARGED BY BANKS (Per cent per annum), According to the Federal Reserve

Effective Date:	Rate
Jne 19, 1979	11½
Jly 27	11¾
Aug 16	12
28	12¼
Sep 7	12¾
14	13
21	13¼
28	13½
Oct 9	14½
23	15
Nov 1	15¼
9	15½
16	15¼
30	15½
Dec 7	15¼
Feb 19, 1980	15¾
22	16¼-16½
29	16¾
Mar 4	17¼
7	17¾
14	18½
19	19
28	19½
Apr 2	20
18	19½
May 1	18½-19
2	18½

Effective Date:	Rate
May 7, 1980	17½
16	16½
23	14½
30	14
Jne 6	13
13	12-12½
20	12
Jly 7	11.50
25	11.00
Aug 22	11.25
27	11.50
Sep 8	12.00
12	12.25
19	12.50
26	13.00
Oct 1	13.50
17	14.00
29	14.50
Nov 6	15.50
17	16.25
21	17.00
26	17.75
Dec 2	18.50
5	19.00
10	20.00
16	21.00
19	21.50

Effective Date:	Rate
Jan 2, 1981	20.50
9	20.00
Feb 3	19.50
23	19.00
Mar 10	18.00
17	17.50
Apr 2	17.00
24	17.50
30	18.00
May 4	19.00
11	19.50
19	20.00
22	20.50
Jne 3	20.00
Jly 8	20.50
Sep 15	20.00
22	19.50
Oct 5	19.00
13	18.00
Nov 3	17.50
9	16.50-17.00
17	17.00
20	16.50
24	16.00
Dec 1	15.75

Effective Date:	Rate
Feb 2	16.50
18	17.00
23	16.50
Jly 20	16.00
29	15.50
Aug 2	15.00
16	14.50
18	14.00
23	13.50
Oct 7	13.00
14	12.00
Nov 22	11.50

Month	Avg. Rate
Jan, 1979	11.75
Feb	11.75
Mar	11.75
Apr	11.75
May	11.75
June	11.65
July	11.54
Aug	11.91
Sept	12.90
Oct	14.39
Nov	15.55
Dec	15.30

Month	Avg. Rate
Jan, 1980	15.25
Feb	15.63
Mar	18.31
Apr	19.77
May	16.57
June	12.63
July	11.48
Aug	11.12
Sept	12.23
Oct	13.79
Nov	16.06
Dec	20.35

Month	Avg. Rate
Jan, 1981	20.16
Feb	19.43
Mar	18.05
Apr	17.15
May	19.61
June	20.03
July	20.39
Aug	20.50
Sept	20.08
Oct	18.45
Nov	16.84
Dec	15.75

Month	Avg. Rate
Jan, 1982	15.75
Feb	16.56
Mar	16.50
Apr	16.50
May	16.50
June	16.50
July	16.26
Aug	14.39
Sept	13.50
Oct	12.52
Nov	11.85
Dec	11.50

FEDERAL RESERVE BANK DISCOUNT RATES (Percent per annum), According to the Federal Reserve

Effective Date	Range all F.R. Banks
1970: Dec 31	5½
1971: Jan 8	5¼-5½
15	5¼
19	5-5¼
22	5-5¼
29	5
Feb 13	4¾-5
19	4¾
Jly 16	4¾-5
23	5
Nov 11	4¾-5
19	4¾
Dec 13	4½-4¾
17	4½-4¾
24	4½

Effective Date	Range all F.R. Banks
1973: Jan 15	5
Feb 26	5-5½
Mar 2	5½
Apr 23	5½-5¾
May 4	5¾
11	5¾-6
18	6
Jne 11	6-6½
15	6½
Jly 2	7
Aug 14	7-7½
23	7½
1974: Apr 25	7½-8
30	8
Dec 9	7¾-8

Effective Date	Range all F.R. Banks
1974: Dec 16	7¾
1975: Jan 6	7¼
10	7¼
24	7¼
Feb 5	6¾-7¼
7	6¾
Mar 10	6¼-6¾
14	6¼
May 16	6-6¼
1976: Jan 19	5½-6
23	5½
Nov 22	5¼-5½
26	5¼
1977: Aug 30	5¼-5¾
31	5¼-5¾

Effective Date	Range all F.R. Banks
1977: Sep 2	5¾
Oct 26	6
1978: Jan 9	6-6½
20	6½
May 11	6½-7
12	7
Jly 3	7-7¼
10	7¼-7¾
Aug 22	7¾
Sep 22	8
Oct 16	8-8½
20	8½
Nov 1	8½-9½
3	9½
1979: Jly 20	10

Effective Date	Range all F.R. Banks
1979: Aug 17	10-10½
20	10½
Sep 19	10½-11
21	11
Oct 8	11-12
10	12
1980: Feb 16	12-13
19	13
May 29	12-13
30	12
Jne 13	11-12
16	11
Jly 28	10-11
29	10
Sep 26	11

Effective Date	Range all F.R. Banks
1980: Nov 17	12
Dec 5	12-13
8	13
1981: May 5	13-14
May 8	14
Nov 2	13-14
Nov 6	13
Dec 4	12
1982: Jly 20	11½-12
23	11½
Aug 2	11-11½
3	11
16	10½
27	10-10½
30	10

Effective Date	Range all F.R. Banks
1982: Oct 12	9½-10
13	9½
Nov 22	9-9½
26	9
Dec 14	8½-9
15	8½-9
17	8½

NATIONAL ASSOCIATION OF SECURITIES DEALERS
NASDAQ COMPOSITE INDEX (Daily Close)

During 1978

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	101.54	101.47	....	115.96	120.34	....	126.81	135.35	....	114.64	116.19
2	Holiday	101.94	101.71	....	116.12	121.03	....	128.16	....	133.30	114.63	....
3	104.00	102.22	101.95	105.89	116.21	....	120.15	129.02	....	133.11	115.49	....
4	103.66	....	....	106.20	116.48	....	Holiday	129.71	Holiday	133.10	....	116.57
5	103.21	....	....	106.95	117.27	122.10	119.22	....	135.46	133.54	....	117.67
6	101.66	102.27	101.74	107.47	....	122.85	118.82	....	136.48	134.00	115.08	118.45
7	....	102.75	102.02	108.23	....	123.10	119.16	130.21	137.09	....	112.83	118.55
8	....	103.18	102.41	....	117.14	123.99	....	130.49	138.36	....	112.99	118.77
9	100.20	103.20	102.82	....	117.05	124.41	....	131.64	....	134.64	113.88	....
10	99.58	103.58	103.42	108.53	117.55	....	119.38	131.58	....	134.93	114.84	....
11	99.09	....	....	108.44	118.25	....	119.83	132.00	138.95	135.27	....	119.15
12	99.54	....	....	108.87	119.40	124.29	120.28	....	139.24	135.57	....	118.50
13	99.77	103.34	103.53	109.99	....	124.24	120.43	....	139.25	135.58	113.00	118.13
14	....	102.78	103.66	111.29	....	124.51	121.58	132.11	138.34	....	110.88	118.15
15	....	102.56	103.80	....	119.80	124.19	....	131.95	137.36	....	111.44	117.41
16	99.36	102.17	104.38	....	120.78	123.69	....	132.77	....	133.94	112.21	....
17	99.98	102.25	104.94	111.91	121.84	....	122.36	134.14	....	130.96	113.69	....
18	100.42	....	....	111.43	121.66	....	122.09	134.71	135.65	128.92	....	114.33
19	100.58	....	....	111.64	121.57	122.92	122.80	....	134.06	127.22	....	114.73
20	100.63	Holiday	105.36	112.86	....	122.03	123.75	....	132.66	123.83	114.51	115.33
21	....	101.99	105.02	113.32	....	120.63	123.60	133.77	132.10	....	114.56	115.85
22	....	102.13	105.16	....	121.93	120.68	....	133.87	132.30	....	115.37	116.93
23	100.34	102.16	105.39	....	120.97	120.74	....	134.73	....	121.94	Holiday	....
24	100.54	102.70	Holiday	113.60	119.80	....	123.59	135.38	....	121.14	116.17	....
25	100.87	....	....	114.28	119.82	....	123.29	135.84	132.11	121.16	....	Holiday
26	100.53	....	....	114.70	119.86	119.54	124.48	....	132.92	118.00	....	117.68
27	100.62	102.22	105.30	114.59	....	119.18	125.13	....	132.01	115.25	115.97	117.33
28	....	101.47	105.68	115.18	....	119.52	125.62	135.24	132.11	....	115.60	117.30
29	....	....	106.08	....	Holiday	119.98	....	134.63	132.89	....	114.09	117.98
30	100.97	....	106.18	....	120.00	120.30	....	134.75	....	112.40	114.69	....
31	100.84	....	106.20	....	120.24	....	126.32	135.01	....	111.12	....	....

BROKER CALL LOAN RATE (per cent per annum)
At major money center banks

Effective Date:	Rate
Nov 28, 1979	15-15½
Jan 10, 1980	14¾-15¼
Feb 15	14¾-15½
Feb 19	15½-15¾
Feb 25	15½-16¼
Feb 27	15¾-16¼
Mar 3	16¼-16¾
Mar 4	16½-17
Mar 6	17
Mar 7	17-17½
Mar 14	17½-18
Mar 17	18-18¼
Mar 19	18-19
Mar 21	18-18½
Mar 28	18½-19
Mar 31	18½-19½
Apr 2	19½
Apr 3	20
Apr 18	19½
Apr 23	19-19½
Apr 28	18½-19½
Apr 29	18½
May 5	17½-18½
May 6	17-18
May 7	16½-17
May 12	15-17
May 13	15
May 22	13½-14
May 23	13-14
May 27	12½-14
May 28	12½-13
Jne 4	12½
Jne 13	12½-11
Jne 17	11
Jly 2	10½-11
Jly 11	10½
Jly 21	10-10½
Jly 28	10
Jly 30	10-10½
Aug 4	10½
Aug 11	10-10½
Aug 15	10¼-10½
Aug 22	10½-10¾
Aug 28	10½-11
Aug 29	10½-11½
Sep 2	10¾-11⅜
Sep 8	10¾-11¼
Sep 12	11-11¼
Sep 19	11-11½
Sep 22	11-11¾
Sep 23	11¼-11¾
Sep 26	11½-12¼
Sep 29	12¼-13
Sep 30	12¾-13½
Oct 1	13-13½
Oct 2	12½-13
Oct 3	13½-14
Oct 8	13-14
Oct 15	13-13½
Oct 17	13½-14
Oct 24	13½-14¼
Oct 29	13¾-14¼
Oct 31	14-14½
Nov 6	15½
Nov 7	15½-16
Nov 17, 1980	15½-16¼
Nov 18	15½-17¼
Nov 20	17¼
Nov 21	17¼-17¾
Nov 24	17¾
Nov 25	17¾-18
Dec 1	18½
Dec 5	19½-20¼
Dec 10	20-20¼
Dec 12	20-21
Dec 15	20½-21
Dec 16	21
Dec 17	21-22
Dec 18	21¾-22
Dec 23	20½-21¾
Dec 24	21-21¾
Dec 29	19½-21
Dec 31	20-21
Jan 6, 1981	20-21½
Jan 7	20-21
Jan 9	20-21½
Jan 12	20½-21
Jan 27	20-21
Jan 28	19½-20
Feb 2	19-20
Feb 3	19-19½
Feb 6	18½-19½
Feb 9	18½-19
Feb 18	18-18½
Feb 19	17½-18½
Feb 25	17½-18
Mar 3	17½
Mar 10	17-17½
Mar 12	16½-17
Mar 16	16-16½
Mar 18	15¼-16
Mar 19	15-15¼
Mar 23	15
Mar 27	15-15½
Mar 31	15½-16
Apr 2	15½
Apr 3	15½-16½
Apr 6	16-16½
Apr 28	16½-17½
Apr 29	17¼-17½
May 1	18-20½
May 4	19-20½
May 14	19-20
May 21	19-20½
May 26	20-20½
May 28	19½-20½
Jne 1	19½
Jne 4	19½-20½
Jne 5	20½-21
Jne 9	19-21
Jne 10	19½-21
Jne 11	19½-20
Jne 15	19-20
Jne 18	19½-21
Jne 22	20½-21
Jne 23	20-21
Jne 25	20
Jly 2	20-20¾
Jly 8	20½-20¾
Jly 14	19½-19¾

BROKER CALL LOAN RATE (per cent per annum)
At major money center banks

Effective Date:	Rate	Effective Date:	Rate	Effective Date:	Rate	Effective Date:	Rate
Jly 21, 1981	19½-20½	Jan 22	13½-14	Mar 29, 1982	14¾-16	Jly 13	14½-15½
Jly 23	20½	Jan 25	13½-15½	Mar 30	16	Jly 14	14½-14¾
Jly 30	19½	Jan 26	14½-15¼	Mar 31	16-17	Jly 15	14½
Jly 31	19-19½	Jan 27	14-15¼	Apr 2	15¾-16¾	Jly 19	13½-14½
Aug 7	19-20	Jan 28	14½-15¼	Apr 6	15-16	Jly 20	13½-13¾
Aug 11	19-19½	Jan 29	14½-15	Apr 14	15-16¼	Jly 22	13-13¾
Aug 27	18-19	Feb 1	15-16	Apr 16	15¾-16	Jly 23	12½-13¾
Sep 2	18	Feb 2	15½-16	Apr 19	15¾-16¾	Jly 27	12½-13½
Sep 15	17-18	Feb 3	15-16	Apr 20	15½-16¼	Jly 29	12½-13
Sep 16	16¾-17½	Feb 4	15¾-16	Apr 21	15-16¼	Jly 30	12½-13½
Sep 23	16-17¼	Feb 11	15¾-16½	Apr 26	14¾-16¼	Aug 2	12½-13
Sep 28	16-17	Feb 16	15¾-16	Apr 28	15-16¼	Aug 3	12½
Sep 30	16-16½	Feb 17	16¾-17	Apr 29	16-16½	Aug 13	12
Oct 2	16-17	Feb 18	16-17	May 3	15½-16½	Aug 16	11¾-12½
Oct 7	16-16½	Feb 19	15¾-17	May 4	16-16¾	Aug 17	11½-12½
Oct 13	16	Feb 22	15¼-16	May 6	16-16½	Aug 19	11-11¾
Oct 14	16-17	Feb 23	14¾-15¾	May 10	16-16¾	Aug 26	10¾-11
Oct 15	16-16¼	Feb 24	14-15	May 11	15¼-16½	Sep 1	11-11¾
Oct 21	16-16½	Mar 1	14½-15	May 12	15½-16½	Oct 6	11½-11¾
Oct 29	15½-16½	Mar 3	14½-15½	May 13	15¾-16½	Oct 7	11-11¾
Oct 30	15½-15¾	Mar 4	15-15½	May 14	15½-16½	Oct 8	11-11½
Nov 10	14½-15¾	Mar 8	14½-15½	May 17	15½-16¼	Oct 12	10-11¼
Nov 12	14½-15	Mar 10	15-15½	May 21	14¾-16¼	Oct 13	10¼-11
Nov 17	14-15	Mar 12	15	May 26	14½-16¼	Oct 14	10¼-10¾
Nov 18	14-14½	Mar 17	15¾-16	Jne 8	14-16¼	Nov 24	10-10¾
Nov 24	13¼-14½	Mar 18	15½-16	Jne 9	14½-16¼	Nov 29	10-10¼
Nov 30	13¼-14	Mar 19	15¾-16	Jne 11	14¾-16¼	Dec 15	10-10½
Dec 2	13½-14	Mar 22	15¼-16	Jne 16	15¼-16¼	Dec 16	10-10¼
Dec 8	13½	Mar 23	14½-15¾	Jne 30	15½-16¼	Dec 17	10-10¾
Dec 16	13¼-13½	Mar 24	14¾-15½	Jly 6	15½-16½	Dec 20	10-10¼
Dec 30	13½-14	Mar 25	14½-15¼	Jly 7	15½-16¼	Dec 30	11½
Jan 8, 1982	13¼-14	Mar 26	14¾-15½	Jly 9	15¼-16¼	Mar 26	14¾-15½
Jan 20	14-14½			Jly 12	14½-15¾		

COMPOSITE INDEX OF 12 LEADING INDICATORS
(1967 = 100)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1948....	52.8	51.3	51.5	52.1	51.7	52.0	52.0	51.1	50.2	50.1	49.3	48.9
1949....	48.2	47.8	47.4	46.8	47.0	46.8	47.7	48.9	50.6	50.8	51.1	51.4
1950....	52.2	53.0	53.3	54.4	55.4	56.3	58.6	59.9	59.2	58.4	57.5	57.6
1951....	58.7	58.2	57.9	56.7	56.3	55.1	54.5	54.1	54.7	54.9	54.9	55.4
1952....	55.5	55.6	55.8	55.4	55.9	57.1	56.8	57.5	59.2	58.7	58.9	59.1
1953....	59.7	59.8	60.1	59.7	59.1	58.1	58.2	57.3	55.9	55.8	55.3	55.4
1954....	55.6	56.1	56.1	56.7	57.3	57.9	58.7	58.4	59.7	60.9	62.3	63.1
1955....	64.1	65.2	66.0	66.1	66.5	66.7	67.4	67.5	67.9	67.1	67.5	67.2
1956....	67.0	66.7	67.1	67.4	66.3	66.0	66.4	66.5	66.3	66.4	66.4	66.0
1957....	65.4	65.3	65.3	64.8	65.0	65.3	65.2	65.1	64.2	63.5	62.7	62.1
1958....	62.2	61.6	62.0	62.2	63.4	64.7	66.2	67.5	68.7	69.4	70.4	70.1
1959....	71.4	72.3	73.7	74.0	74.2	73.7	73.4	73.1	73.3	72.7	71.9	73.2
1960....	72.9	72.1	70.8	70.9	71.0	71.1	71.4	71.4	71.5	71.2	70.8	70.4
1961....	70.9	71.4	72.7	73.9	74.8	75.7	75.7	76.7	76.4	77.5	78.5	78.8
1962....	78.8	79.9	80.0	79.6	78.7	77.9	78.7	79.3	79.9	80.0	80.8	81.0
1963....	81.6	82.4	83.2	83.9	84.7	84.5	84.3	84.7	85.7	86.3	86.5	86.7
1964....	87.2	88.2	88.4	89.3	90.2	89.9	90.8	91.5	92.7	92.8	93.1	93.7
1965....	94.5	94.8	95.2	95.0	95.6	95.3	95.5	95.8	96.4	97.0	98.0	99.1
1966....	99.9	100.8	101.9	101.5	100.2	99.4	99.1	98.3	97.3	96.7	96.5	96.4
1967....	97.4	97.0	96.9	97.1	97.9	99.2	100.1	101.9	102.3	102.5	103.2	104.4
1968....	104.4	105.5	105.7	104.7	105.4	106.0	106.9	106.5	108.1	110.3	110.8	111.5
1969....	112.2	112.1	111.7	112.7	112.2	111.2	110.2	110.3	110.8	110.7	109.5	109.1
1970....	107.5	106.6	105.5	104.5	105.1	105.5	104.8	104.7	104.9	104.4	105.0	107.3
1971....	108.6	110.2	111.9	112.9	113.7	113.5	113.3	113.7	114.6	115.5	116.5	118.0
1972....	119.2	120.7	122.2	123.0	122.9	123.3	124.4	126.0	127.5	129.4	130.3	131.4
1973....	132.4	134.1	134.2	133.4	133.5	133.1	132.7	131.5	130.9	131.0	131.1	128.7
1974....	128.7	128.0	127.8	126.1	125.5	123.8	123.5	120.3	116.5	113.5	111.2	109.2
1975....	107.7	107.6	107.8	111.0	113.4	115.8	118.2	119.0	120.6	122.0	122.4	122.8
1976....	126.1	128.0	128.8	129.3	130.5	131.6	132.2	131.9	132.4	132.2	133.5	134.5
1977....	134.5	136.5	138.4	138.5	138.9	139.8	138.5	140.5	141.1	141.9	141.6	142.4
1978....	141.0	142.8	144.9	146.3	146.4	146.9	145.4	146.2	146.8	147.9	147.6	147.2
1979....	147.7	147.5	149.3	146.4	147.6	146.5	145.2	144.5	144.5	141.7	140.1	140.5
1980....	141.4	140.4	137.4	133.4	130.9	132.0	135.1	138.3	141.2	142.4	143.4	143.0
1981....	142.1	140.4	141.7	144.6	144.5	143.2	142.9	142.4	139.3	136.9	137.0	136.2
1982....	135.1	135.7	134.7	136.1	136.4	135.8	136.7	136.4	138.1	139.2	139.6	141.2

NOTE: This series contains revisions beginning with 1948

COMPOSITE INDEX OF 6 LAGGING INDICATORS
(1967 = 100)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1948	36.4	36.8	37.0	37.1	37.2	37.4	38.0	39.0	39.3	38.9	39.8	39.6
1949	40.0	40.2	40.0	40.0	40.2	39.7	39.7	39.2	38.8	39.7	39.2	39.4
1950	39.3	39.0	38.6	38.8	38.9	38.8	38.5	38.7	40.1	41.4	42.5	42.0
1951	42.8	43.7	44.5	45.1	45.6	46.5	47.0	47.1	47.3	47.8	48.3	49.4
1952	50.2	50.3	50.8	50.6	51.3	52.2	52.3	51.9	51.9	51.7	52.3	53.0
1953	53.3	53.8	54.1	55.2	56.5	56.8	56.9	57.3	57.9	58.1	58.3	58.5
1954	57.9	57.3	56.3	55.3	54.9	54.3	54.1	53.5	53.2	53.0	53.0	52.9
1955	52.6	52.7	53.0	52.6	53.2	53.9	54.2	56.5	56.9	58.2	59.4	59.4
1956	60.0	60.2	61.2	62.5	63.9	64.4	66.1	64.9	65.9	66.0	66.6	66.4
1957	67.0	66.6	67.0	67.8	68.1	68.1	68.4	71.0	72.3	71.8	72.6	73.2
1958	71.8	69.3	69.2	67.8	64.6	63.3	62.6	61.9	63.5	64.0	63.8	64.7
1959	64.1	64.0	64.3	64.3	66.1	68.3	69.4	71.4	75.1	76.3	76.4	75.2
1960	74.9	76.2	77.0	77.3	78.6	79.4	79.2	78.4	75.8	75.8	76.4	77.2
1961	76.7	76.6	75.8	75.0	74.5	73.7	73.3	73.1	73.4	73.1	72.6	73.0
1962	73.8	73.5	73.9	74.5	74.8	75.6	75.9	76.2	76.6	77.1	77.5	78.0
1963	77.9	78.1	78.3	78.3	78.5	79.0	79.5	80.0	80.3	80.7	82.1	82.4
1964	81.9	82.9	83.4	83.8	83.5	84.3	83.8	85.0	85.9	86.6	85.7	86.1
1965	87.0	87.7	88.2	88.9	89.8	89.9	89.7	90.7	90.5	91.2	91.9	92.3
1966	92.4	93.3	93.6	94.6	95.6	96.4	97.0	97.5	97.5	97.7	99.0	99.3
1967	99.3	99.6	100.3	100.2	100.2	100.4	100.5	99.8	100.3	100.1	99.6	99.6
1968	99.8	100.4	100.3	101.1	101.5	101.8	101.5	102.2	102.5	102.6	103.2	104.3
1969	104.9	105.6	105.9	107.0	108.0	109.2	109.3	109.9	110.4	111.1	111.3	111.8
1970	114.8	114.8	115.1	113.7	113.6	114.0	113.5	114.1	113.6	113.5	112.8	111.0
1971	109.1	108.8	108.3	107.2	107.3	105.2	106.0	107.0	106.9	106.4	106.0	105.9
1972	104.4	104.2	104.4	104.7	105.1	105.9	105.4	105.0	104.9	105.1	105.1	104.8
1973	106.2	107.3	107.6	109.4	109.6	110.7	112.0	112.0	113.2	113.3	113.6	114.5
1974	114.6	114.4	113.6	115.6	116.7	117.1	117.1	117.2	118.6	118.7	119.7	121.1
1975	121.0	119.0	118.6	115.2	112.8	108.6	108.0	106.9	105.9	106.0	104.7	104.6
1976	104.3	103.8	103.3	102.8	103.4	102.9	103.2	103.2	103.9	104.2	103.8	103.7
1977	103.8	104.3	104.2	104.7	105.2	106.3	106.2	107.2	107.7	108.3	109.0	109.4
1978	111.4	111.6	112.3	111.6	112.8	113.7	114.3	114.8	115.4	115.3	117.1	118.0
1979	119.2	119.7	118.8	121.7	121.0	122.3	122.3	123.0	124.7	125.8	126.3	126.1
1980	126.2	127.1	130.2	132.3	129.6	125.5	121.8	120.5	119.4	119.0	120.1	123.0
1981	121.7	120.7	119.0	119.0	122.2	122.4	122.5	123.3	124.7	125.0	124.5	124.4
1982	126.1	125.3	125.1	125.8	125.2	124.8	124.1	122.2	121.3	120.6	118.2	116.5

NOTE: This series contains revisions beginning with 1948

COMPOSITE INDEX OF 4 ROUGHLY COINCIDENT INDICATORS

(1967 = 100)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1948	50.0	49.9	50.4	50.0	50.3	51.2	51.3	51.4	51.3	51.4	51.1	50.6
1949	49.5	49.1	48.5	48.1	47.5	47.2	46.6	47.1	47.8	45.7	46.6	47.2
1950	47.9	47.6	49.1	50.3	51.4	52.7	54.7	56.5	55.8	56.0	55.8	57.1
1951	57.6	57.4	57.6	57.9	57.8	57.9	57.3	57.6	57.3	57.6	57.8	57.7
1952	57.9	58.8	58.7	58.5	58.8	58.4	57.3	59.9	61.6	62.5	62.8	63.4
1953	63.8	64.3	64.9	64.9	65.0	64.7	64.9	64.1	63.4	63.1	61.9	60.8
1954	60.0	60.0	59.4	59.1	58.9	58.9	58.7	58.7	59.0	59.4	60.4	61.2
1955	61.9	62.3	63.5	64.3	65.2	65.6	66.2	66.2	66.7	67.4	67.8	68.2
1956	68.3	68.2	68.2	68.8	68.4	68.4	65.9	68.2	68.9	69.6	69.4	69.9
1957	69.6	70.0	69.9	69.3	68.9	69.1	69.1	69.1	68.4	67.7	66.6	65.4
1958	64.3	63.0	62.1	61.0	61.2	62.1	63.1	63.6	64.2	64.6	66.2	65.9
1959	67.0	67.7	68.8	69.8	70.6	70.8	70.2	68.1	67.9	67.6	68.3	70.9
1960	71.9	71.6	71.0	71.3	70.9	70.4	70.0	69.7	69.3	69.1	68.1	67.2
1961	67.0	66.8	67.3	67.5	68.3	69.3	69.4	70.1	70.2	71.0	72.0	72.4
1962	72.0	72.7	73.2	73.7	73.7	73.6	74.0	74.2	74.2	74.4	74.7	74.4
1963	74.5	75.1	75.4	76.0	76.3	76.6	76.8	76.9	77.4	78.0	77.7	78.3
1964	78.6	79.4	79.5	80.4	81.0	81.2	81.9	82.5	83.1	82.1	83.7	85.1
1965	85.4	86.0	86.8	87.3	87.9	88.5	89.4	89.6	90.2	91.2	92.1	93.0
1966	93.6	94.3	95.4	95.5	96.0	97.1	97.3	97.6	97.7	98.3	98.3	98.6
1967	99.4	98.8	98.9	99.1	99.0	99.2	99.5	100.3	100.4	100.3	102.0	103.3
1968	102.8	103.5	104.0	104.4	105.2	106.0	106.6	106.8	107.1	107.7	108.5	108.9
1969	109.1	109.9	110.5	110.8	110.8	111.4	112.1	112.5	112.6	112.9	111.9	112.0
1970	110.8	110.8	110.8	110.5	110.1	109.7	109.8	109.3	109.0	106.7	105.8	107.6
1971	108.6	108.5	108.8	109.1	109.6	109.8	109.6	109.3	110.1	110.2	111.0	112.2
1972	114.0	114.4	115.6	116.6	117.2	116.9	117.8	119.3	119.9	121.8	123.2	124.5
1973	125.5	127.0	127.4	127.2	127.5	127.8	128.7	127.8	128.7	129.7	130.7	129.8
1974	128.7	128.0	127.8	127.6	128.2	128.3	128.2	127.3	126.5	125.2	122.2	118.4
1975	116.2	114.6	113.0	113.3	114.1	114.9	115.6	117.3	118.1	118.5	118.9	119.5
1976	121.4	122.9	123.6	124.3	124.6	124.8	125.3	125.5	125.6	125.3	126.8	127.8
1977	128.3	129.2	130.9	131.6	132.5	133.6	134.3	134.6	135.8	136.6	137.2	138.1
1978	137.1	138.3	140.0	143.0	143.1	144.2	145.0	145.9	146.1	147.4	148.4	149.7
1979	149.3	149.4	151.2	149.1	150.6	150.6	151.0	150.6	150.4	150.3	149.9	150.0
1980	150.7	149.6	148.1	145.1	142.4	141.1	140.8	141.2	142.7	144.2	145.3	146.1
1981	146.8	147.2	147.2	147.1	146.9	147.5	147.6	147.3	146.5	144.5	143.0	140.9
1982	138.4	139.9	139.2	138.0	138.8	137.2	136.3	135.2	134.3	132.2	132.3	132.1

NOTE: This series contains revisions beginning with 1948

RATIO, COINCIDENT COMPOSITE INDEX TO LAGGING COMPOSITE INDEX
(1967 = 100)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1948	137.4	135.6	136.2	134.8	135.2	136.9	135.0	131.8	130.5	132.1	128.4	127.8
1949	123.8	122.1	121.3	120.2	118.2	118.9	117.4	120.2	123.2	115.1	118.9	119.8
1950	121.9	122.1	127.2	129.6	132.1	135.8	142.1	146.0	139.2	135.3	131.3	136.0
1951	134.6	131.4	129.4	128.4	126.8	124.5	121.9	122.3	121.1	120.5	119.7	116.8
1952	115.3	116.9	115.6	115.6	114.6	111.9	109.6	115.4	118.7	120.9	120.1	119.6
1953	119.7	119.5	120.0	117.6	115.0	113.9	114.1	111.9	109.5	108.6	106.2	103.9
1954	103.6	104.7	105.5	106.9	107.3	108.5	108.5	109.7	110.9	112.1	114.0	115.7
1955	117.7	118.2	119.8	122.2	122.6	121.7	122.1	117.2	117.2	115.8	114.1	114.8
1956	113.8	113.3	111.4	110.1	107.0	106.2	99.7	105.1	104.6	105.5	104.2	105.3
1957	100.9	105.1	104.3	102.2	101.2	101.5	101.0	97.3	94.6	94.3	91.7	89.3
1958	89.6	90.9	89.7	90.0	94.7	98.1	100.8	102.7	101.1	100.9	103.8	101.9
1959	104.5	105.8	107.0	108.6	106.8	103.7	101.2	95.4	90.4	88.6	89.4	94.3
1960	96.0	94.0	92.2	92.2	90.2	88.7	88.4	88.9	91.4	91.2	89.1	87.0
1961	87.4	87.2	88.8	90.0	91.7	94.0	94.7	95.9	95.6	97.1	99.2	99.2
1962	97.6	98.9	99.1	98.9	98.5	97.4	97.5	97.4	96.9	96.5	96.4	95.4
1963	95.6	96.2	96.3	97.1	97.2	97.0	96.6	96.1	96.4	96.7	94.6	95.0
1964	96.0	95.8	95.3	95.9	97.0	96.3	97.7	97.1	96.7	94.8	97.7	98.8
1965	98.2	98.1	98.4	98.2	97.9	98.4	99.7	98.8	99.7	100.0	100.2	100.8
1966	101.3	101.1	101.9	101.0	100.4	100.7	100.3	100.1	100.2	100.6	99.3	99.3
1967	100.1	99.2	98.6	98.9	98.8	98.8	99.0	100.5	100.1	100.2	102.4	103.7
1968	103.0	103.1	103.7	103.3	103.6	104.1	105.0	104.5	104.5	105.0	105.1	104.4
1969	104.0	104.1	104.3	103.6	102.6	102.0	102.6	102.4	102.0	101.6	100.5	100.2
1970	96.5	96.5	96.3	97.2	96.9	96.2	96.7	95.8	96.0	94.0	93.8	96.9
1971	99.5	99.7	100.5	101.8	102.1	104.4	103.4	102.1	103.0	103.6	104.7	105.9
1972	109.2	109.6	110.7	111.4	111.5	110.4	111.8	113.6	114.3	115.9	117.2	118.8
1973	118.2	118.4	118.4	116.3	116.3	115.4	114.9	114.1	113.7	114.5	115.1	113.4
1974	112.3	111.9	112.5	110.4	109.9	109.6	109.5	108.6	106.7	105.5	102.1	97.8
1975	96.0	96.3	95.3	98.4	101.2	105.8	107.0	109.7	111.5	111.8	113.6	114.2
1976	116.4	118.4	119.7	120.9	120.5	121.3	121.4	121.6	120.9	120.2	122.2	123.2
1977	123.6	123.9	125.6	125.7	126.0	125.7	126.5	125.6	126.1	126.1	125.9	126.2
1978	123.1	123.9	124.7	128.1	126.9	126.8	126.9	127.1	126.6	127.8	126.7	126.9
1979	125.3	124.8	127.3	122.5	124.5	123.1	123.5	122.4	120.6	119.5	118.7	119.0
1980	119.4	117.7	113.7	109.7	109.9	112.4	115.6	117.2	119.5	121.2	121.0	118.8
1981	120.6	122.0	123.7	123.6	120.2	120.5	120.5	119.5	117.5	115.6	114.9	113.3
1982	109.8	111.7	111.3	109.7	110.9	109.9	109.8	110.6	110.7	109.6	111.9	113.4

NOTE: This series contains revisions beginning with 1948.

GROSS NATIONAL PRODUCT, 1929-82

[Billions of dollars, except as noted; quarterly data at seasonally adjusted annual rates]

				Net exports of goods and services			Government purchases of goods and services						Percent change from preceding period[1]	
								Federal						
Year or quarter:	Gross national product	Personal consumption expenditures	Gross private domestic investment	Net exports	Exports	Imports	Total	Total	National defense	Nondefense	State and local	Final sales	Gross national product	Final sales
1929	103.4	77.3	16.2	1.1	7.0	5.9	8.8	1.4	...	...	7.4	101.7	6.6	...
1933	55.8	45.8	1.4	.4	2.4	2.0	8.2	2.1	...	...	6.1	57.4	−4.2	−5.6
1939	90.9	67.0	9.3	1.2	4.6	3.4	13.5	5.2	1.2	3.9	8.3	90.5	7.0	5.3
1940	100.0	71.0	13.1	1.8	5.4	3.6	14.2	6.1	2.2	3.9	8.1	97.8	10.0	8.1
1941	125.0	80.8	17.9	1.5	6.1	4.7	24.9	16.9	13.7	3.2	8.0	120.6	25.0	23.2
1942	158.5	88.6	9.9	.2	5.0	4.8	59.8	52.0	49.4	2.6	7.8	156.7	26.7	30.0
1943	192.1	99.4	5.8	−1.9	4.6	6.5	88.9	81.3	79.7	1.6	7.5	192.8	21.3	23.0
1944	210.6	108.2	7.2	−1.7	5.5	7.2	97.0	89.4	87.4	2.0	7.6	211.6	9.6	9.8
1945	212.4	119.5	10.6	−.5	7.4	7.9	82.8	74.6	73.5	1.1	8.2	213.5	.9	.9
1946	209.8	143.8	30.7	7.8	15.1	7.3	27.5	17.6	14.8	2.8	9.9	203.5	−1.2	−4.7
1947	233.1	161.7	34.0	11.9	20.2	8.3	25.5	12.7	9.0	3.7	12.8	233.5	11.1	14.8
1948	259.5	174.7	45.9	6.9	17.5	10.5	32.0	16.7	10.7	6.0	15.3	254.8	11.3	9.1
1949	258.3	178.1	35.3	6.5	16.3	9.8	38.4	20.4	13.2	7.2	18.0	261.4	−.5	2.6
1950	286.5	192.0	53.8	2.2	14.4	12.2	38.5	18.7	14.0	4.7	19.8	279.7	10.9	7.0
1951	330.8	207.1	59.2	4.4	19.7	15.3	60.1	38.3	33.5	4.8	21.8	320.5	15.5	14.6
1952	348.0	217.1	52.1	3.2	19.1	15.9	75.6	52.4	45.8	6.5	23.2	344.8	5.2	7.6
1953	366.8	229.7	53.3	1.3	18.0	16.7	82.5	57.5	48.6	8.9	25.0	366.3	5.4	6.2
1954	366.8	235.8	52.7	2.5	18.7	16.2	75.8	47.9	41.1	6.8	27.8	368.4	.0	.6
1955	400.0	253.7	68.4	3.0	21.0	18.0	75.0	44.5	38.4	6.0	30.6	394.1	9.0	7.0
1956	421.7	266.0	71.0	5.3	25.0	19.8	79.4	45.9	40.2	5.7	33.5	417.0	5.4	5.8
1957	444.0	280.4	69.2	7.3	28.1	20.8	87.1	50.0	44.0	5.9	37.1	442.6	5.3	6.1
1958	449.7	289.5	61.9	3.3	24.2	21.0	95.0	53.9	45.6	8.3	41.1	451.2	1.3	1.9
1959	487.9	310.8	78.1	1.4	24.8	23.4	97.6	53.9	45.6	8.3	43.7	482.2	8.5	6.9
1960	506.5	324.9	75.9	5.5	28.9	23.4	100.3	53.7	44.5	9.3	46.5	503.6	3.8	4.4
1961	524.6	335.0	74.8	6.6	29.9	23.3	108.2	57.4	47.0	10.4	50.8	522.2	3.6	3.7
1962	565.0	355.2	85.4	6.4	31.8	25.4	118.0	63.7	51.1	12.7	54.3	558.8	7.7	7.0
1963	596.7	374.6	90.9	7.6	34.2	26.6	123.7	64.6	50.3	14.3	59.0	590.7	5.6	5.7
1964	637.7	400.5	97.4	10.1	38.8	28.8	129.8	65.2	49.0	16.2	64.6	632.1	6.9	7.0
1965	691.1	430.4	113.5	8.8	41.1	32.3	138.4	67.3	49.4	17.8	71.1	681.2	8.4	7.8
1966	756.0	465.1	125.7	6.5	44.6	38.1	158.7	78.8	60.3	18.5	79.8	741.9	9.4	8.9
1967	799.6	490.3	122.8	6.3	47.3	41.0	180.2	90.9	71.5	19.5	89.3	789.3	5.8	6.4
1968	873.4	536.9	133.3	4.3	52.4	48.1	199.0	98.0	76.9	21.2	101.0	865.5	9.2	9.7
1969	944.0	581.8	149.3	4.2	57.5	53.3	208.8	97.6	76.3	21.2	111.2	934.2	8.1	7.9

[1] Changes are based on unrounded data and therefore may differ slightly from changes computed from data shown here.

GROSS NATIONAL PRODUCT, 1929-82—(Contd.)

[Billions of dollars, except as noted; quarterly data at seasonally adjusted annual rates]

Year or quarter:	Gross national product	Personal consumption expenditures	Gross private domestic investment	Net exports of goods and services			Government purchases of goods and services					Final sales	Percent change from preceding period[1]	
								Federal						
				Net exports	Exports	Imports	Total	Total	National defense	Nondefense	State and local		Gross national product	Final sales
1970	992.7	621.7	144.2	6.7	65.7	59.0	220.1	95.7	73.6	22.2	124.4	989.5	5.2	5.9
1971	1,077.6	672.2	166.4	4.1	68.8	64.7	234.9	96.2	70.2	26.0	138.7	1,070.0	8.6	8.1
1972	1,185.9	737.1	195.0	.7	77.5	76.7	253.1	101.7	73.1	28.5	151.4	1,175.7	10.1	9.9
1973	1,326.4	812.0	229.8	14.2	109.6	95.4	270.4	102.0	72.8	29.1	168.5	1.307.9	11.8	11.2
1974	1,434.2	888.1	228.7	13.4	146.2	132.8	304.1	111.0	77.0	33.9	193.1	1,420.1	8.1	8.6
1975	1,549.2	976.4	206.1	26.8	154.9	128.1	339.9	122.7	83.0	39.7	217.2	1,556.1	8.0	9.6
1976	1,718.0	1,084.3	257.9	13.8	170.9	157.1	362.1	129.2	86.0	43.2	232.9	1,706.2	10.9	9.6
1977	1,918.3	1.204.4	324.1	-4.0	182.7	186.7	393.8	143.4	92.8	50.6	250.4	1,895.3	11.7	11.1
1978	2,163.9	1,346.5	386.6	-1.1	218.7	219.8	431.9	153.6	100.3	53.3	278.3	2.137.4	12.8	12.8
1979	2,417.8	1.507.2	423.0	13.2	281.4	268.1	474.4	168.3	111.8	56.5	306.0	2,403.5	11.7	12.4
1980	2,633.1	1,667.2	402.3	25.2	339.2	314.0	538.4	197.2	131.4	65.8	341.2	2,643.1	8.9	10.0
1981	2,937.7	1,843.2	471.5	26.1	367.3	341.3	596.9	228.9	153.7	75.2	368.0	2,917.3	11.6	10.4
1982^{p}	3,057.5	1,972.0	421.9	16.5	349.7	333.2	647.1	257.3	178.5	78.8	389.8	3,078.9	4.1	5.5
1980:														
I	2,575.9	1,618.7	424.0	14.0	335.7	321.7	519.2	189.6	126.8	62.8	329.6	2,576.6	12.2	11.8
II	2,573.4	1,622.2	391.0	24.2	337.3	313.1	536.0	198.8	130.0	68.8	337.2	2,573.9	-.4	-.4
III	2,643.7	1,682.0	384.1	39.0	337.2	298.2	538.5	193.3	130.5	62.8	345.2	2,664.8	11.4	14.9
IV	2,739.4	1,745.8	410.3	23.5	346.7	323.2	559.8	207.0	138.1	68.9	352.8	2,757.1	15.3	14.6
1981:														
I	2,864.9	1,799.9	455.7	31.2	365.4	334.2	578.1	217.0	143.1	73.9	361.1	2,852.7	19.6	14.6
II	2,901.8	1,819.4	475.5	23.7	368.9	345.1	583.2	218.2	150.5	67.7	365.0	2,877.2	5.3	3.5
III	2,980.9	1,868.8	486.0	25.9	367.2	341.3	600.2	230.0	154.4	75.7	370.1	2,949.1	11.4	10.4
IV	3,003.2	1,884.5	468.9	23.5	367.9	344.4	626.3	250.5	166.9	83.6	375.7	2,989.9	3.0	5.7
1982:														
I	2,995.5	1,919.4	414.8	31.3	359.9	328.6	630.1	249.7	166.2	83.5	380.4	3,031.1	-1.0	5.6
II	3,045.2	1,947.8	431.5	34.9	365.8	330.9	630.9	244.3	176.2	68.2	386.6	3,061.4	6.8	4.1
III	3,088.2	1,986.3	443.3	6.9	349.5	342.5	651.7	259.0	182.7	76.3	392.7	3,083.5	5.8	2.9
IV^{p}	3,101.3	2,034.6	397.9	-6.9	323.7	330.6	675.7	276.1	188.9	87.2	399.6	3,139.8	1.7	7.5

[1] Changes are based on unrounded data and therefore may differ slightly from changes computed from data shown here.

P—preliminary

IMPLICIT PRICE DEFLATORS FOR GROSS NATIONAL PRODUCT, 1929-82

[Index numbers, 1972 = 100, except as noted; quarterly data seasonally adjusted]

						Gross private domestic investment[1]								
						Fixed investment								
		Personal consumption expenditures					Nonresidential			Residential				
Year or quarter:	Gross national product[1]	Total	Durable goods	Nondurable goods	Services	Total	Total	Structures	Producers' durable equipment	Total	Nonfarm structures	Farm structures	Producers' durable equipment
1929	32.76	35.9	44.2	38.4	31.6	28.3	28.3	24.3	33.4	28.2	27.8	28.6	77.2
1933	25.13	26.9	32.5	26.8	26.1	22.4	22.9	19.2	26.2	20.7	19.8	19.5	58.8
1939	28.43	30.5	35.9	30.5	29.2	27.7	28.2	23.0	32.0	26.6	26.3	23.4	61.1
1940	29.06	30.9	36.7	30.9	29.5	28.5	29.1	23.4	32.8	27.4	27.2	23.6	59.6
1941	31.23	33.2	40.0	33.6	30.8	30.7	31.0	24.9	34.9	30.0	29.7	26.6	63.8
1942	34.32	36.7	43.7	39.1	32.4	33.5	33.9	28.4	37.3	32.4	31.8	30.7	71.3
1943	36.14	40.1	46.7	43.7	34.2	35.7	35.9	32.4	37.3	34.9	34.3	35.7	71.4
1944	37.01	42.4	51.3	46.2	36.1	37.0	36.8	33.8	38.0	38.1	37.3	40.8	75.0
1945	37.91	44.1	55.5	47.8	37.3	37.2	36.7	33.9	37.9	40.8	40.0	42.9	84.6
1946	43.88	47.8	62.1	52.1	38.8	41.3	40.0	36.6	42.8	44.6	43.9	46.6	95.2
1947	49.55	52.9	67.8	58.7	41.7	49.0	46.9	44.0	48.6	53.7	53.0	52.8	105.6
1948	52.98	56.0	70.3	62.3	44.4	53.7	51.5	48.8	53.0	58.1	57.5	57.3	111.5
1949	52.49	55.8	70.5	60.3	46.0	54.9	53.0	48.4	56.0	58.7	58.1	58.0	107.9
1950	53.56	56.9	72.2	60.7	47.4	56.7	54.5	49.3	57.8	60.0	59.5	59.4	107.4
1951	57.09	60.6	76.3	65.8	49.9	60.9	59.1	55.1	61.7	64.4	63.8	63.8	114.9
1952	57.92	62.0	76.7	66.5	52.6	62.3	60.1	56.3	62.6	66.4	65.8	65.7	114.6
1953	58.82	63.2	77.2	66.3	55.4	63.1	61.2	57.4	63.8	66.9	66.3	66.2	114.2
1954	59.55	63.7	75.0	66.6	57.2	63.6	61.7	56.5	65.5	67.1	66.6	66.5	112.4
1955	60.84	64.4	75.6	66.3	58.4	65.0	62.9	57.6	66.6	68.7	68.2	68.3	109.1
1956	62.79	65.6	77.7	67.3	60.1	68.5	67.3	62.4	71.1	71.0	70.5	70.6	104.3
1957	64.93	67.8	80.9	69.4	62.2	71.1	71.0	64.9	75.5	71.4	70.9	70.9	103.4
1958	66.04	69.2	81.3	71.0	64.1	71.0	70.9	63.9	76.6	71.2	70.7	70.8	101.9
1959	67.60	70.6	83.8	71.4	66.0	71.8	72.2	64.2	78.3	71.1	70.6	70.7	101.8
1960	68.70	71.9	83.8	72.6	67.9	72.1	72.5	63.7	79.4	71.4	70.9	71.1	100.8
1961	69.33	72.6	84.3	73.3	69.0	71.8	72.0	63.3	79.3	71.3	70.9	70.7	99.0
1962	70.61	73.7	85.4	73.9	70.4	72.2	72.5	63.6	79.4	71.5	71.1	71.2	96.8
1963	71.67	74.8	86.2	74.9	71.7	72.3	73.1	64.1	79.7	70.9	70.5	70.6	95.3
1964	72.77	75.9	87.1	75.8	72.7	72.9	73.8	64.9	80.1	71.2	70.8	70.9	94.3
1965	74.36	77.2	86.8	77.3	74.2	74.0	74.7	66.4	80.6	72.3	72.0	72.2	92.1
1966	76.76	79.4	86.7	80.1	76.4	76.3	76.9	69.2	82.1	74.6	74.3	74.2	90.8
1967	79.06	81.4	88.2	81.9	78.7	78.8	79.5	72.2	84.3	77.0	76.7	76.7	91.0
1968	82.54	84.6	91.1	85.3	81.9	82.2	82.8	75.8	87.2	80.7	80.5	80.6	93.5
1969	86.79	88.4	93.3	89.4	86.0	87.0	86.7	81.5	89.9	87.7	87.5	87.5	95.7

IMPLICIT PRICE DEFLATORS FOR GROSS NATIONAL PRODUCT, 1929-82

[Index numbers, 1972 = 100, except as noted; quarterly data seasonally adjusted]

Year or quarter:	Gross national product[1]	Personal consumption expenditures				Gross private domestic investment[1]							
						Fixed investment							
							Nonresidential			Residential			
		Total	Durable goods	Nondurable goods	Services	Total	Total	Structures	Producers' durable equipment	Total	Nonfarm structures	Farm structures	Producers' durable equipment
1970	91.45	92.5	95.7	93.6	90.5	91.1	91.3	88.2	93.2	90.5	90.3	90.6	97.8
1971	96.01	96.5	99.0	96.6	95.6	95.7	96.2	94.5	97.2	94.8	94.7	95.0	99.3
1972	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1973	105.75	105.7	101.7	108.5	104.7	105.5	103.8	107.7	101.8	109.1	109.4	109.2	100.6
1974	115.08	116.4	108.2	123.4	113.0	116.7	115.4	128.2	109.3	120.3	120.8	120.5	106.8
1975	125.79	125.3	117.3	132.5	121.6	131.9	132.2	144.8	126.2	131.0	131.6	131.9	116.9
1976	132.34	131.7	123.9	137.2	129.6	139.2	138.6	149.0	133.9	140.7	141.3	140.7	122.7
1977	140.05	139.3	129.2	143.6	139.3	149.8	146.3	159.4	141.0	158.0	159.0	157.0	126.7
1978	150.42	149.1	136.4	153.4	150.0	163.2	157.2	176.4	149.7	178.3	179.8	180.0	132.6
1979	163.42	162.5	145.0	169.9	162.3	178.5	170.8	200.2	158.8	200.5	202.7	202.7	140.3
1980	178.64	179.2	156.3	188.4	178.8	193.3	186.1	227.7	169.0	218.5	221.7	218.8	149.2
1981	195.51	194.5	167.5	202.7	196.3	208.0	201.3	251.5	179.8	233.6	237.1	236.9	159.4
1982P	207.23	206.0	174.9	208.9	213.3	215.8	210.1	266.4	183.4	239.3	242.8	242.6	168.3
1980:													
I	172.31	172.8	151.9	181.9	172.2	188.5	181.0	216.9	165.8	212.5	215.2	214.7	145.2
II	176.52	177.1	154.4	186.2	176.5	191.5	184.9	224.9	167.9	217.2	220.6	219.1	148.0
III	180.60	181.2	158.0	190.5	180.9	195.1	187.9	232.7	169.9	221.8	225.2	221.2	150.8
IV	185.16	185.5	161.1	195.1	185.4	198.3	190.8	237.2	172.3	223.4	226.4	224.3	153.0
1981:													
I	190.01	189.2	163.0	199.3	189.6	202.3	194.5	241.5	175.1	229.0	232.2	227.3	155.4
II	193.17	192.6	166.2	201.7	193.4	207.4	200.7	249.1	179.9	231.7	234.9	233.4	158.3
III	197.36	196.4	169.7	204.2	198.6	209.4	203.0	252.7	181.4	235.8	239.4	237.9	161.3
IV	201.55	199.8	171.3	205.6	203.6	212.9	206.8	261.9	182.5	239.2	243.3	242.7	162.8
1982:													
I	203.68	202.2	173.0	206.8	207.4	213.6	207.6	264.5	181.9	240.5	244.3	243.8	165.7
II	205.98	204.0	174.0	207.1	210.6	216.6	211.3	267.6	184.6	238.6	242.1	242.0	168.1
III	208.51	207.7	176.1	210.0	215.3	216.2	210.7	266.7	183.8	238.8	242.3	241.9	169.4
IVP	210.73	210.2	176.3	211.4	219.8	216.8	210.9	266.7	183.5	239.4	242.7	242.9	170.0

P—preliminary

IMPLICIT PRICE DEFLATORS FOR GROSS NATIONAL PRODUCT, 1929-82

[Index numbers, 1972 = 100, except as noted; quarterly data seasonally adjusted]

Year or quarter:	Exports and imports of goods and services [1]		Government purchases of goods and services					Final sales	Percent change from preceding period [2]	
	Exports	Imports	Total	Federal			State and local		GNP implicit price deflator	Final sales implicit price deflator
				Total	National defense	Non-defense				
1929	42.2	45.5	21.5	20.5	....	....	21.8	32.7	0.0	....
1933	26.5	23.6	19.2	19.4	....	....	19.1	25.3	-2.1	-2.6
1939	32.1	31.0	21.4	22.7	....	....	20.7	28.4	-.8	-.9
1940	34.9	32.8	21.7	22.7	....	....	20.9	29.0	2.2	1.8
1941	37.3	35.4	25.5	27.8	....	....	21.7	31.0	7.5	7.2
1942	43.6	40.0	31.2	33.0	....	....	22.8	34.3	9.9	10.6
1943	46.8	41.3	32.8	34.0	....	....	23.7	36.3	5.3	5.6
1944	51.9	42.7	32.3	33.1	....	....	24.8	37.0	2.4	2.1
1945	53.6	44.9	31.2	31.9	....	....	25.8	37.9	2.4	2.2
1946	55.4	51.8	29.6	30.2	....	....	28.5	43.7	15.7	15.3
1947	62.8	62.3	33.6	35.0	....	....	32.4	49.6	12.9	13.[illegible]
1948	66.5	67.8	37.7	39.0	....	....	36.4	52.6	6.9	6.[illegible]
1949	63.1	64.6	39.7	41.4	....	....	37.8	52.6	-.9	.1
1950	61.0	68.8	39.2	39.6	....	....	38.9	53.3	2.1	1.3
1951	68.8	82.6	45.0	46.6	....	....	42.3	56.7	6.6	6.2
1952	68.6	79.9	47.3	48.9	....	....	44.1	57.8	1.4	2.0
1953	67.5	76.7	48.5	50.1	....	....	45.2	58.9	1.6	1.9
1954	67.2	77.2	48.6	49.9	....	....	46.5	59.6	1.2	1.2
1955	68.5	77.1	49.2	50.4	....	....	47.6	60.6	2.2	1.8
1956	71.0	78.4	51.7	52.9	....	....	50.2	62.6	3.2	3.3
1957	74.0	79.6	54.0	55.1	....	....	52.6	64.9	3.4	3.6
1958	73.1	76.1	56.0	57.7	....	....	53.8	66.1	1.7	1.9
1959	73.5	75.2	57.2	59.0	....	....	55.1	67.5	2.4	2.1
1960	75.2	76.1	58.0	59.4	....	....	56.5	68.6	1.6	1.7
1961	76.1	75.5	59.1	60.2	....	....	58.0	69.3	.9	1.0
1962	76.0	74.2	61.1	62.0	....	....	60.1	70.5	1.8	1.8
1963	76.3	75.2	62.6	63.5	....	....	61.6	71.6	1.5	1.5
1964	77.2	76.8	64.1	65.1	....	....	63.1	72.7	1.5	1.5
1965	79.4	77.7	66.0	67.1	....	....	64.9	74.2	2.2	2.1
1966	81.9	79.4	69.1	70.0	....	....	68.2	76.6	3.2	3.2
1967	83.5	79.9	72.5	72.7	....	....	72.4	79.0	3.0	3.1
1968	85.5	81.1	76.5	76.5	....	....	76.4	82.5	4.4	4.4
1969	88.5	83.2	81.1	80.1	....	....	82.0	86.8	5.1	5.2

IMPLICIT PRICE DEFLATORS FOR GROSS NATIONAL PRODUCT, 1929-82

[Index numbers, 1972 = 100, except as noted; quarterly data seasonally adjusted]

Year or quarter:	Exports and imports of goods and services[1]		Government purchases of goods and services						Percent change from preceding period[2]	
				Federal						
	Exports	Imports	Total	Total	National defense	Non-defense	State and local	Final sales	GNP implicit price deflator	Final sales implicit price deflator
1970	93.2	88.6	87.7	86.6	....	....	88.6	91.5	5.4	5.4
1971	97.0	93.3	93.9	92.7	....	....	94.7	96.0	5.0	5.0
1972	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4.2	4.1
1973	112.7	116.7	106.7	106.3	106.6	105.6	107.0	105.7	5.8	5.7
1974	134.8	164.6	116.8	114.9	115.1	114.2	118.0	115.0	8.8	8.8
1975	149.6	179.6	128.2	126.0	124.9	128.2	129.4	125.7	9.3	9.3
1976	155.3	185.6	136.6	133.5	132.4	135.7	138.3	132.2	5.2	5.2
1977	161.9	205.5	146.3	142.8	141.9	144.6	148.4	139.7	5.8	5.7
1978	172.6	214.1	157.3	153.1	152.7	153.8	159.7	150.3	7.4	7.5
1979	192.5	246.1	170.4	164.8	166.0	162.5	173.7	163.3	8.6	8.7
1980	213.1	289.3	189.2	185.2	187.4	181.0	191.6	178.7	9.3	9.5
1981	231.8	293.1	207.9	207.4	209.0	204.2	208.2	195.3	9.4	9.3
1982P	237.1	284.3	222.3	221.6	226.9	210.4	222.7	207.5	6.0	6.2
1980:										
I	204.2	282.5	182.4	178.2	180.3	174.1	184.8	172.1	10.5	10.1
II	209.2	289.8	186.8	132.2	184.6	177.9	189.6	176.3	10.1	10.1
III	216.3	290.1	190.0	183.3	186.5	176.8	194.0	181.0	9.6	11.2
IV	223.5	294.9	197.7	197.5	198.4	195.7	197.8	185.6	10.5	10.5
1981:										
I	229.3	300.7	201.5	201.2	201.7	200.3	201.7	189.5	10.9	8.7
II	230.9	298.7	205.5	204.0	206.4	198.9	206.3	193.1	6.8	7.8
III	232.6	287.7	209.5	207.8	207.9	207.4	210.7	197.4	9.0	9.3
IV	234.5	286.1	215.0	216.0	219.5	209.4	214.3	201.3	8.8	8.1
1982:										
I	237.3	286.4	217.8	218.3	223.0	209.6	217.5	204.0	4.3	5.4
II	236.8	278.8	221.1	221.6	225.2	212.6	220.9	206.5	4.6	5.0
III	236.9	285.4	223.9	223.0	226.5	214.9	224.5	208.7	5.0	4.3
IVP	237.4	286.7	226.0	223.3	232.4	205.9	227.9	210.8	4.3	4.2

[1] Separate deflators are not calculated for gross private domestic investment, change in business inventories, and net exports of goods and services.

[2] Changes are based on unrounded data and therefore may differ slightly from changes computed from data shown here. Quarterly changes are at annual rates.

P—preliminary

GROSS NATIONAL PRODUCT BY INDUSTRY, 1947-81

[Billions of dollars]

		Gross domestic product												
					Manufacturing									
Year:	Gross national product	Agriculture, forestry, and fisheries	Mining	Construction	Total	Durable goods	Nondurable goods	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	Government and government enterprises	Statistical discrepancy	Rest of the world
1947.....	233.1	20.8	6.8	9.1	66.2	33.5	32.7	20.5	44.2	23.2	20.2	19.3	1.5	1.2
1948.....	259.5	24.0	9.4	11.5	74.7	38.1	36.5	23.1	48.4	26.2	21.9	20.2	−1.6	1.6
1949.....	258.3	19.5	8.1	11.5	72.1	37.1	35.0	23.4	48.0	28.6	22.6	22.5	.6	1.4
1950.....	286.5	20.8	9.3	13.0	83.7	45.8	37.9	25.7	51.3	31.9	24.0	23.8	1.3	1.6
1951.....	330.8	23.8	10.2	15.4	98.7	55.4	43.3	29.2	56.4	35.2	25.9	30.8	3.2	2.1
1952.....	348.0	23.1	10.1	16.6	103.0	58.9	44.1	31.0	58.5	38.7	27.5	35.3	1.7	2.3
1953.....	366.8	21.3	10.6	17.1	112.1	65.9	46.2	32.9	59.8	42.8	29.4	36.4	2.3	2.2
1954.....	366.8	20.7	10.9	17.2	106.4	60.8	45.6	32.6	60.8	46.5	30.5	36.9	2.0	2.3
1955.....	400.0	19.9	12.4	18.5	120.9	70.6	50.3	35.6	66.2	50.0	34.0	38.5	1.3	2.8
1956.....	421.7	19.7	13.4	20.6	126.8	73.7	53.2	38.3	70.4	53.5	37.3	40.7	−2.1	3.2
1957.....	444.0	19.5	13.5	21.4	131.4	77.7	53.7	40.2	73.9	57.6	40.2	44.0	−1.2	3.5
1958.....	449.7	21.9	12.4	21.0	123.8	69.7	54.1	40.4	75.2	62.4	42.3	47.1	.2	3.0
1959.....	487.9	20.2	12.3	22.8	141.3	81.2	60.0	43.7	81.9	67.3	46.3	50.0	−1.3	3.3
1960.....	506.5	21.4	12.6	23.2	143.8	82.1	61.7	45.8	84.2	71.6	49.2	53.4	−2.4	3.6
1961.....	524.6	21.5	12.7	24.0	144.4	81.3	63.1	47.4	86.3	75.4	52.3	56.7	−.1	3.9
1962.....	565.0	21.9	12.8	25.7	157.9	91.5	66.4	50.2	92.1	80.6	56.1	61.1	2.1	4.6
1963.....	596.7	22.0	13.1	27.4	167.4	97.6	69.8	53.0	96.1	85.3	60.0	65.9	1.7	4.9
1964.....	637.7	21.0	13.4	29.8	179.4	105.3	74.2	56.3	104.7	91.0	65.3	71.2	.1	5.5
1965.....	691.1	23.8	13.5	32.8	197.7	118.0	79.7	60.5	112.6	98.0	70.8	76.7	−1.2	5.9
1966.....	756.0	24.8	14.2	35.9	216.6	130.4	86.3	65.3	121.5	105.9	78.4	86.4	1.4	5.6
1967.....	799.6	24.2	14.6	37.5	222.3	133.6	88.7	68.6	130.1	114.2	86.1	96.3	−.3	5.9
1968.....	873.4	25.0	15.3	41.3	242.8	146.0	96.8	74.0	144.4	123.8	94.2	108.1	−2.1	6.7
1969.....	944.0	27.8	16.1	46.3	256.7	154.5	102.2	80.0	157.0	133.6	105.3	118.2	−3.9	6.9
1970.....	992.7	28.6	17.6	48.9	252.2	146.2	105.9	85.7	166.5	142.4	114.4	130.5	−1.5	7.3
1971.....	1,077.6	30.8	17.4	53.6	265.6	153.9	111.7	93.8	181.4	156.4	123.6	141.8	4.1	9.2
1972.....	1,185.9	35.4	19.0	59.4	292.5	173.2	119.3	104.3	199.5	169.8	136.5	155.4	3.3	10.9
1973.....	1,326.4	53.8	21.7	66.3	326.1	195.9	130.2	114.3	221.5	184.9	153.1	167.8	.8	16.0
1974.....	1,434.2	52.2	32.2	69.2	340.7	201.3	139.4	122.9	241.5	202.0	167.5	182.7	3.7	19.8
1975.....	1,549.2	53.3	38.8	69.9	358.2	207.6	150.6	135.7	266.2	216.2	186.2	202.0	5.5	17.3
1976.....	1,718.0	51.2	43.0	76.6	410.4	240.0	170.4	152.6	291.4	238.6	208.2	220.4	5.1	20.5
1977.....	1,918.3	54.6	47.4	86.6	464.8	277.7	187.1	170.9	322.3	275.5	234.3	237.2	1.4	23.5
1978.....	2,163.9	66.0	52.0	102.1	518.7	316.7	202.0	193.3	362.3	317.4	265.9	259.1	−2.6	29.6
1979.....	2,417.8	79.6	66.8	115.7	563.2	344.3	218.9	209.6	401.5	358.3	302.4	279.6	−1.5	42.6
1980.....	2,633.1	74.1	94.1	121.2	581.2	347.8	233.4	232.4	425.7	405.2	342.5	306.8	3.9	46.1
1981.....	2,937.7	85.6	127.2	127.2	644.0	388.4	255.6	261.9	472.7	448.2	386.9	336.7	−1.9	49.2

Note—The industry classification is on an establishment basis and is based on the 1972 Standard Industrial Classification.

SOURCES OF PERSONAL INCOME, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Year or quarter:	Personal income	Wage and salary disbursements[1]						Other labor income[1]	Proprietors' income with inventory valuation and capital consumption adjustments	
		Total	Commodity-producing industries		Distributive industries	Service industries	Government and government enterprises			
			Total	Manufacturing					Farm	Nonfarm
1929	85.0	50.5	21.5	16.1	15.6	8.4	5.0	0.5	6.1	8.9
1933	47.0	29.0	9.8	7.8	8.8	5.2	5.2	.4	2.9	3.3
1939	72.4	46.0	17.4	13.6	13.3	7.1	8.2	.6	4.4	7.4
1940	77.9	49.9	19.7	15.6	14.2	7.5	8.5	.6	4.4	8.6
1941	95.4	62.1	27.5	21.7	16.3	8.1	10.2	.7	6.4	11.1
1942	122.6	82.1	39.1	30.9	18.0	9.0	16.0	.9	10.1	14.1
1943	150.8	105.6	49.0	40.9	20.1	9.9	26.6	1.1	12.0	17.1
1944	164.5	116.9	50.4	42.9	22.7	10.9	33.0	1.5	12.0	18.4
1945	170.0	117.5	45.9	38.2	24.8	11.9	34.9	1.8	12.4	19.4
1946	177.6	112.0	46.0	36.5	31.0	14.3	20.7	2.0	14.9	21.8
1947	190.1	123.1	54.2	42.5	35.2	16.1	17.5	2.4	15.1	20.8
1948	209.0	135.5	61.1	47.1	37.5	17.9	19.0	2.7	17.6	23.3
1949	206.4	134.8	57.8	44.6	37.7	18.5	20.8	2.9	12.8	23.6
1950	227.2	147.0	64.8	50.3	39.8	19.8	22.6	3.7	13.7	25.0
1951	254.9	171.3	76.3	59.3	44.3	21.5	29.2	4.6	16.1	27.2
1952	271.8	185.4	82.0	64.1	46.9	23.1	33.3	5.2	15.1	28.2
1953	287.7	198.6	89.6	71.2	49.7	24.9	34.4	5.9	13.1	28.6
1954	289.6	196.8	85.7	67.5	50.1	26.1	34.9	6.1	12.5	28.7
1955	310.3	211.7	93.1	73.8	53.4	28.6	36.6	7.0	11.5	31.4
1956	332.6	228.3	100.6	79.4	57.7	31.3	38.8	8.0	11.2	32.7
1957	351.0	239.3	104.2	82.4	60.5	33.6	41.0	9.0	11.1	34.2
1958	361.1	240.5	100.0	78.6	60.8	35.6	44.1	9.4	13.2	34.5
1959	384.4	258.9	109.6	86.6	64.8	38.5	46.0	10.6	10.9	36.7
1960	402.3	271.9	113.1	89.7	68.2	41.4	49.2	11.2	11.7	35.5
1961	417.8	279.5	113.7	89.8	69.3	44.1	52.4	11.8	12.1	36.5
1962	443.6	298.0	121.8	96.7	72.8	47.2	56.3	13.0	12.3	37.6
1963	466.2	313.4	126.9	100.6	76.3	50.2	60.0	14.0	12.0	38.5
1964	499.2	336.1	135.4	107.1	81.4	54.4	64.9	15.7	10.8	41.7
1965	540.7	362.0	146.0	115.5	87.2	58.9	69.9	17.8	13.1	43.8
1966	588.2	398.4	161.0	128.0	94.4	64.7	78.3	19.9	14.1	46.4
1967	630.0	427.0	168.3	134.1	100.9	71.3	86.4	21.7	12.6	48.6
1968	690.6	469.6	183.4	145.8	110.0	79.6	96.6	25.2	12.7	51.3
1969	754.7	515.7	199.6	157.5	120.8	89.7	105.5	28.5	14.6	52.5

SOURCES OF PERSONAL INCOME, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Year or quarter:	Personal income	Wage and salary disbursements[1]						Other labor income[1]	Proprietors' income with inventory valuation and capital consumption adjustments	
			Commodity-producing industries							
		Total	Total	Manufacturing	Distributive industries	Service industries	Government and government enterprises		Farm	Nonfarm
1970	811.1	548.7	203.0	158.2	130.3	98.3	117.1	32.5	14.3	51.9
1971	868.4	580.9	208.3	160.3	139.4	106.7	126.5	36.7	15.0	54.4
1972	951.4	635.2	227.3	175.4	152.1	118.2	137.5	43.0	18.7	58.1
1973	1,065.2	702.7	254.3	196.2	168.3	131.3	148.7	48.8	32.8	61.0
1974	1,168.6	765.7	274.7	211.4	184.6	145.6	160.9	55.8	26.5	62.2
1975	1,265.0	806.4	275.0	211.0	195.6	159.7	176.1	64.5	24.6	65.4
1976	1,391.2	889.9	307.3	237.4	216.6	177.4	188.7	75.9	19.1	75.0
1977	1,540.4	983.2	343.6	266.0	239.5	197.7	202.4	89.4	19.1	84.8
1978	1,732.7	1,106.3	389.4	299.2	270.7	226.6	219.5	102.5	26.3	92.2
1979	1,951.2	1,237.6	438.4	333.9	303.4	259.7	236.2	114.9	31.9	100.2
1980	2,160.4	1,356.1	468.0	354.4	330.5	297.4	260.2	127.2	19.4	96.9
1981	2,415.8	1,493.9	510.8	386.4	361.4	338.6	283.1	140.4	24.0	100.7
1982[p]	2,569.7	1,560.1	509.9	382.6	375.7	372.3	302.3	153.8	18.6	101.4
1980:										
I	2,086.8	1,319.7	462.7	350.3	323.2	283.4	250.4	123.2	22.1	100.5
II	2,109.6	1,332.1	458.6	347.0	324.9	292.0	256.6	125.9	15.9	93.0
III	2,185.3	1,360.5	465.6	352.8	331.9	301.4	261.6	128.4	20.3	95.1
IV	2,260.0	1,412.2	485.1	367.7	341.9	313.1	272.2	131.5	19.2	98.8
1981:										
I	2,330.0	1,452.8	499.2	377.0	352.1	325.2	276.2	135.3	21.6	101.8
II	2,380.6	1,479.4	507.2	386.9	358.7	333.7	279.8	138.4	22.5	101.2
III	2,458.2	1,512.3	519.3	392.9	366.5	342.8	283.8	142.2	27.1	100.4
IV	2,494.6	1,531.2	517.7	388.7	368.3	352.8	292.4	145.8	24.6	99.5
1982:										
I	2,510.5	1,541.6	514.3	385.1	371.4	359.5	296.5	149.1	17.8	98.6
II	2,552.7	1,556.6	513.6	385.6	375.4	367.6	300.0	152.5	17.4	99.9
III	2,592.5	1,570.0	510.2	383.8	378.4	377.8	303.5	155.5	16.6	101.7
IV[p]	2,623.2	1,572.3	501.4	375.8	377.4	384.3	309.1	157.9	22.6	105.5

[1] The total of wage and salary disbursements and other labor income excludes employer contributions for social insurance and the excess of wage accruals over wage disbursements.

P—preliminary

SOURCES OF PERSONAL INCOME, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Year or quarter:	Rental income of persons with capital consumption adjustment	Personal dividend income	Personal interest income	Transfer payments							Less: Personal contributions for social insurance	Nonfarm personal income[2]
				Total	Old-age, survivors, disability, and health insurance benefits	Government unemployment insurance benefits	Veterans benefits	Government employee retirement benefits	Aid to families with dependent children (AFDC)	Other		
1929	4.9	5.8	6.9	1.5	....	....	.6	.1	.8		.1	....
1933	2.2	2.0	5.5	2.1	....	....	.6	.2	1.4		.2	....
1939	2.6	3.8	5.4	3.0	.0	.4	.5	.3	1.7		.6	....
1940	2.7	4.0	5.3	3.1	.0	.5	.5	.3	1.7		.7	....
1941	3.1	4.4	5.3	3.1	.1	.4	.5	.3	1.8		.8	....
1942	4.0	4.3	5.2	3.1	.1	.4	.5	.3	1.8		1.2	....
1943	4.4	4.4	5.1	3.0	.2	.1	.5	.4	1.8		1.8	....
1944	4.5	4.6	5.2	3.6	.2	.1	1.0	.4	2.0		2.2	....
1945	4.6	4.6	5.9	6.2	.3	.4	3.0	.5	2.0		2.3	....
1946	5.5	5.6	6.6	11.3	.4	1.1	7.0	.7	2.1		2.0	159.9
1947	5.3	6.3	7.6	11.7	.5	.8	7.0	.7	.3	2.5	2.1	171.9
1948	5.7	7.0	8.1	11.3	.6	.9	5.9	.7	.4	2.9	2.2	188.2
1949	6.1	7.2	8.7	12.5	.7	1.9	5.3	.9	.5	3.3	2.2	190.4
1950	7.1	8.8	9.7	15.2	1.0	1.5	7.7	1.0	.6	3.5	2.9	210.2
1951	7.7	8.5	10.5	12.6	1.9	.9	4.6	1.1	.6	3.6	3.4	235.4
1952	8.8	8.5	11.2	13.1	2.2	1.1	4.3	1.2	.5	3.8	3.8	253.1
1953	10.0	8.8	12.5	14.1	3.0	1.0	4.1	1.4	.5	4.1	4.0	271.3
1954	11.0	9.1	13.7	16.2	3.6	2.2	4.2	1.5	.6	4.1	4.6	273.9
1955	11.3	10.3	14.9	17.5	4.9	1.5	4.4	1.7	.6	4.3	5.2	295.5
1956	11.6	11.1	16.7	18.7	5.7	1.5	4.4	1.9	.6	4.5	5.8	318.0
1957	12.2	11.5	18.8	21.6	7.3	1.9	4.5	2.2	.7	4.9	6.7	336.6
1958	12.9	11.3	20.3	25.9	8.5	4.1	4.7	2.5	.8	5.3	6.9	344.4
1959	13.6	12.2	22.5	27.0	10.2	2.8	4.6	2.8	.9	5.8	7.9	369.8
1960	14.5	12.9	25.0	28.9	11.1	3.0	4.6	3.1	1.0	6.2	9.3	386.7
1961	15.0	13.3	26.4	32.8	12.6	4.3	5.0	3.4	1.1	6.4	9.7	401.6
1962	15.8	14.4	29.0	33.8	14.3	3.1	4.7	3.7	1.3	6.7	10.3	427.1
1963	16.5	15.5	32.2	35.8	15.2	3.0	4.8	4.2	1.4	7.3	11.8	449.7
1964	17.1	17.3	35.6	37.4	16.0	2.7	4.7	4.7	1.5	7.8	12.6	483.7
1965	18.0	19.1	39.7	40.4	18.1	2.3	4.9	5.2	1.7	8.3	13.3	522.6
1966	18.7	19.4	44.4	44.7	20.8	1.9	4.9	6.1	1.9	9.2	17.8	568.9
1967	19.7	20.2	48.3	52.6	25.5	2.2	5.6	6.9	2.3	10.2	20.6	611.9
1968	19.5	21.9	53.4	59.8	30.2	2.1	5.9	7.6	2.8	11.1	22.9	672.1
1969	19.6	22.4	61.1	66.7	32.9	2.2	6.7	8.7	3.5	12.5	26.2	733.9

[2] Personal income exclusive of farm proprietors' income, farm wages, farm other labor income, and farm net interest.

Note—The industry classification of wage and salary disbursements and proprietors' income is on an establishment basis and is based on the 1972 Standard Industrial Classification (SIC) beginning 1948 on the 1942 SIC prior to 1948.

SOURCES OF PERSONAL INCOME, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

				Transfer payments								
Year or quarter:	**Rental income of persons with capital consumption adjustment**	**Personal dividend income**	**Personal interest income**	**Total**	**Old-age, survivors, disability, and health insurance benefits**	**Government unemployment insurance benefits**	**Veterans benefits**	**Government employee retirement benefits**	**Aid to families with dependent children (AFDC)**	**Other**	**Less: Personal contributions for social insurance**	**Nonfarm personal income[2]**
1970	19.7	22.2	69.4	80.1	38.5	4.0	7.7	10.2	4.8	15.0	27.9	790.0
1971	20.2	22.6	74.8	94.4	44.5	5.8	8.8	11.8	6.2	17.4	30.7	846.5
1972	21.0	24.1	80.9	104.7	49.6	5.7	9.7	13.8	6.9	19.0	34.5	925.3
1973	22.6	26.5	93.9	119.5	60.4	4.4	10.4	16.0	7.2	21.1	42.6	1,023.7
1974	23.5	29.1	112.4	141.2	70.1	6.8	11.8	19.0	7.9	25.6	47.9	1,131.8
1975	23.0	29.9	123.2	178.3	81.4	17.6	14.5	22.7	9.2	32.8	50.4	1,229.1
1976	23.5	36.5	132.5	194.3	92.9	15.8	14.4	26.1	10.1	35.1	55.5	1,359.3
1977	24.8	39.6	152.8	207.9	104.9	12.7	13.8	29.0	10.6	36.9	61.1	1,506.5
1978	26.6	45.3	179.4	223.8	116.2	9.7	13.9	32.7	10.7	40.7	69.8	1,689.7
1979	27.9	50.8	218.7	250.3	131.8	9.8	14.4	36.9	11.0	46.3	81.1	1,899.3
1980	32.9	55.9	263.4	297.2	154.2	16.1	15.0	43.0	12.4	56.6	88.7	2,117.3
1981	33.9	62.5	329.0	336.3	182.0	15.4	16.1	49.2	13.4	60.3	104.9	2,364.1
1982[p]	34.1	67.0	371.8	374.5	204.5	24.9	16.3	54.0	13.1	61.6	111.7	2,518.9
1980:												
I	30.8	54.1	249.1	274.2	142.1	11.8	14.8	40.1	11.7	53.6	86.9	2,042.2
II	32.7	55.7	258.0	283.2	144.7	15.9	14.6	42.3	12.1	53.5	86.9	2,070.3
III	33.8	56.5	266.4	313.4	163.4	18.7	14.9	43.4	12.8	60.2	89.1	2,140.9
IV	34.2	57.4	280.2	318.2	166.4	18.0	15.7	46.0	13.0	59.1	91.8	2,216.0
1981:												
I	34.4	59.2	304.7	322.8	171.0	15.7	16.0	47.2	13.1	59.8	102.5	2,282.5
II	34.0	61.5	320.6	327.0	173.7	15.1	15.9	49.1	13.4	59.8	104.1	2,330.9
III	33.6	64.1	339.6	344.8	190.6	14.1	16.0	49.6	13.5	61.0	106.1	2.402.6
IV	33.6	65.2	351.0	350.7	192.8	16.7	16.4	50.8	13.4	60.6	107.0	2,440.3
1982:												
I	33.9	65.8	359.7	354.6	194.7	18.7	16.3	51.5	13.2	60.1	110.6	2,461.6
II	34.2	66.1	372.0	365.2	197.5	23.5	16.1	54.4	13.2	60.6	111.4	2,503.2
III	34.6	67.2	378.2	381.0	209.2	25.5	16.3	54.9	13.0	62.1	112.4	2,543.3
IV[p]	33.9	68.8	377.2	397.2	216.6	31.8	16.6	55.3	13.1	63.8	112.4	2,567.6

[2] Personal income exclusive of farm proprietors' income, farm wages, farm other labor income, and farm net interest.

Note—The industry classification of wage and salary disbursements and proprietors' income is on an establishment basis and is based on the 1972 Standard Industrial Classification (SIC) beginning 1948 on the 1942 SIC prior to 1948.

P—preliminary

DISPOSITION OF PERSONAL INCOME, 1929-82

[Billions of dollars, except as noted; quarterly data at seasonally adjusted annual rates]

Year or quarter:	Personal income	Less: Personal tax and nontax payments	Equals: Disposable personal income	Less: Personal outlays				Equals: Personal saving	Percent of disposable personal income		
									Personal outlays		
				Total	Personal consumption expenditures	Interest paid by consumers to business	Personal transfer payments to foreigners (net)		Total	Personal Consumption expenditures	Personal saving
1929	85.0	2.6	82.4	79.1	77.3	1.5	0.3	3.3	96.0	93.8	4.0
1933	47.0	1.4	45.6	46.5	45.8	.5	.2	-0.9	102.0	100.5	-2.0
1939	72.4	2.4	70.0	67.8	67.0	.7	.2	2.2	96.9	95.6	3.1
1940	77.9	2.6	75.3	72.0	71.0	.8	.2	3.4	95.5	94.2	4.5
1941	95.4	3.3	92.2	81.8	80.8	.9	.2	10.3	88.8	87.6	11.2
1942	122.6	5.9	116.6	89.4	88.6	.7	.1	27.2	76.7	76.0	23.3
1943	150.8	17.8	133.0	100.1	99.4	.5	.2	32.9	75.3	74.7	24.7
1944	164.5	18.9	145.6	109.0	108.2	.5	.4	36.6	74.8	74.3	25.2
1945	170.0	20.8	149.1	120.4	119.5	.5	.5	28.7	80.8	80.1	19.2
1946	177.6	18.7	158.9	145.2	143.8	.7	.7	13.7	91.4	90.5	8.6
1947	190.1	21.4	168.7	163.5	161.7	1.0	.7	5.2	96.9	95.9	3.1
1948	209.0	21.0	188.0	176.9	174.7	1.4	.7	11.1	94.1	93.0	5.9
1949	206.4	18.5	187.9	180.4	178.1	1.7	.5	7.5	96.0	94.8	4.0
1950	227.2	20.6	206.6	194.7	192.0	2.3	.4	11.9	94.2	92.9	5.8
1951	254.9	28.9	226.0	210.0	207.1	2.5	.4	16.1	92.9	91.6	7.1
1952	271.8	34.0	237.7	220.4	217.1	2.9	.4	17.4	92.7	91.3	7.3
1953	287.7	35.5	252.2	233.7	229.7	3.6	.5	18.5	92.7	91.1	7.3
1954	289.6	32.5	257.1	240.1	235.8	3.8	.5	17.0	93.4	91.7	6.6
1955	310.3	35.4	275.0	258.5	253.7	4.4	.4	16.4	94.0	92.3	6.0
1956	332.6	39.7	292.9	271.6	266.0	5.1	.5	21.3	92.7	90.8	7.3
1957	351.0	42.4	308.6	286.4	280.4	5.5	.5	22.3	92.8	90.9	7.2
1958	361.1	42.1	319.0	295.4	289.5	5.6	.4	23.6	92.6	90.7	7.4
1959	384.4	46.0	338.4	317.3	310.8	6.1	.4	21.1	93.8	91.8	6.2
1960	402.3	50.4	352.0	332.3	324.9	7.0	.4	19.7	94.4	92.3	5.6
1961	417.8	52.1	365.8	342.7	335.0	7.3	.4	23.0	93.7	91.6	6.3
1962	443.6	56.8	386.8	363.5	355.2	7.8	.5	23.3	94.0	91.8	6.0
1963	466.2	60.3	405.9	384.0	374.6	8.8	.6	21.9	94.6	92.3	5.4
1964	499.2	58.6	440.6	411.0	400.5	9.9	.6	29.6	93.3	90.9	6.7
1965	540.7	64.9	475.8	442.1	430.4	11.1	.7	33.7	92.9	90.5	7.1
1966	588.2	74.5	513.7	477.7	465.1	12.0	.7	36.0	93.0	90.5	7.0
1967	630.0	82.1	547.9	503.6	490.3	12.5	.9	44.3	91.9	89.5	8.1
1968	690.6	97.2	593.4	551.5	536.9	13.8	.8	41.9	92.9	90.5	7.1
1969	754.7	115.7	638.9	598.3	581.8	15.6	.9	40.6	93.6	91.1	6.4

DISPOSITION OF PERSONAL INCOME, 1929-82

[Billions of dollars, except as noted; quarterly data at seasonally adjusted annual rates]

				Less: Personal outlays					Percent of disposable personal income		
									Personal outlays		
Year or quarter:	Personal income	Less: Personal tax and nontax payments	Equals: Disposable personal income	Total	Personal consumption expenditures	Interest paid by consumers to business	Personal transfer payments to foreigners (net)	Equals: Personal saving	Total	Personal Consumption expenditures	Personal saving
1970	811.1	115.8	695.3	639.5	621.7	16.7	1.1	55.8	92.0	89.4	8.0
1971	868.4	116.7	751.8	691.1	672.2	17.7	1.1	60.7	91.9	89.4	8.1
1972	951.4	141.0	810.3	757.7	737.1	19.5	1.1	52.6	93.5	91.0	6.5
1973	1,065.2	150.7	914.5	835.5	812.0	22.3	1.3	79.0	91.4	88.8	8.6
1974	1,168.6	170.2	998.3	913.2	888.1	24.1	1.0	85.1	91.5	89.0	8.5
1975	1,265.0	168.9	1,096.1	1,001.8	976.4	24.4	.9	94.3	91.4	89.1	8.6
1976	1,391.2	196.8	1,194.4	1,111.9	1,084.3	26.7	.9	82.5	93.1	90.8	6.9
1977	1,540.4	226.4	1,314.0	1,236.0	1,204.4	30.7	.9	78.0	94.1	91.7	5.9
1978	1,732.7	258.7	1,474.0	1,384.6	1,346.5	37.4	.8	89.4	93.9	91.3	6.1
1979	1,951.2	301.0	1,650.2	1,553.5	1,507.2	45.5	.8	96.7	94.1	91.3	5.9
1980	2,160.4	336.3	1,824.1	1,717.9	1,667.2	49.9	.8	106.2	94.2	91.4	5.8
1981	2,415.8	386.7	2,029.1	1,898.9	1,843.2	55.1	.6	130.2	93.6	90.8	6.4
1982ᵖ	2,569.7	397.2	2,172.5	2,031.4	1,972.0	58.6	.9	141.1	93.5	90.8	6.5
1980:											
I	2,086.8	319.9	1,766.9	1,669.1	1,618.7	49.6	.7	97.9	94.5	91.6	5.5
II	2,109.6	328.6	1,781.0	1,672.4	1,622.2	49.4	.7	108.6	93.9	91.1	6.1
III	2,185.3	339.7	1,845.5	1,732.5	1,682.2	49.7	.8	113.1	93.9	91.1	6.1
IV	2,260.0	357.1	1,902.9	1,797.6	1,745.8	50.8	.9	105.3	94.5	91.7	5.5
1981:											
I	2,330.0	371.2	1,958.7	1,852.8	1,799.9	52.4	.5	105.9	94.6	91.9	5.4
II	2,380.6	384.2	1,996.5	1,874.5	1,819.4	54.4	.8	122.0	93.9	91.1	6.1
III	2,458.2	398.1	2,060.0	1,925.7	1,868.8	56.2	.7	134.4	93.5	90.7	6.5
IV	2,494.6	393.2	2,101.4	1,942.7	1,884.5	57.5	.7	158.6	92.5	89.7	7.5
1982:											
I	2,510.5	393.4	2,117.1	1,977.9	1,919.4	57.8	.8	139.1	93.4	90.7	6.6
II	2,552.7	401.2	2,151.5	2,007.2	1,947.8	58.4	.9	144.3	93.3	90.5	6.7
III	2,592.5	394.4	2,198.1	2,046.1	1,986.3	59.0	.8	152.0	93.1	90.4	6.9
IVᵖ	2,623.2	399.7	2,223.5	2,094.6	2,034.6	59.1	.9	128.9	94.2	91.5	5.8

P—preliminary

POPULATION BY AGE GROUPS, 1929-82

[Thousands of persons]

July 1	Total	Age (years)						
		Under 5	5-15	16-19	20-24	25-44	45-64	65 and over
1929	121,767	11,734	26,800	9,127	10,694	35,862	21,076	6,474
1933	125,579	10,612	26,897	9,302	11,152	37,319	22,933	7,363
1939	130,880	10,418	25,179	9,822	11,519	39,354	25,823	8,764
1940	132,122	10,579	24,811	9,895	11,690	39,868	26,249	9,031
1941	133,402	10,850	24,516	9,840	11,807	40,383	26,718	9,288
1942	134,860	11,301	24,231	9,730	11,955	40,861	27,196	9,584
1943	136,739	12,016	24,093	9,607	12,064	41,420	27,671	9,867
1944	138,397	12,524	23,949	9,561	12,062	42,016	28,138	10,147
1945	139,928	12,979	23,907	9,361	12,036	42,521	28,630	10,494
1946	141,389	13,244	24,103	9,119	12,004	43,027	29,064	10,828
1947	144,126	14,406	24,468	9,097	11,814	43,657	29,498	11,185
1948	146,631	14,919	25,209	8,952	11,794	44,288	29,931	11,538
1949	149,188	15,607	25,852	8,788	11,700	44,916	30,405	11,921
1950	152,271	16,410	26,721	8,542	11,680	45,672	30,849	12,397
1951	154,878	17,333	27,279	8,446	11,552	46,103	31,362	12,803
1952	157,553	17,312	28,894	8,414	11,350	46,495	31,884	13,203
1953	160,184	17,638	30,227	8,460	11,062	46,786	32,394	13,617
1954	163,026	18,057	31,480	8,637	10,832	47,001	32,942	14,076
1955	165,931	18,566	32,682	8,744	10,714	47,194	33,506	14,525
1956	168,903	19,003	33,994	8,916	10,616	47,379	34,057	14,938
1957	171,984	19,494	35,272	9,195	10,603	47,440	34,591	15,388
1958	174,882	19,887	36,445	9,543	10,756	47,337	35,109	15,806
1959	177,830	20,175	37,368	10,215	10,969	47,192	35,663	16,248

POPULATION BY AGE GROUPS, 1929-82
[Thousands of persons]

July 1	Total	Age (years)						
		Under 5	5-15	16-19	20-24	25-44	45-64	65 and over
1960	180,671	20,341	38,494	10,683	11,134	47,140	36,203	16,675
1961	183,691	20,522	39,765	11,025	11,483	47,084	36,722	17,089
1962	186,538	20,469	41,205	11,180	11,959	47,013	37,255	17,457
1963	189,242	20,342	41,626	12,007	12,714	46,994	37,782	17,778
1964	191,889	20,165	42,297	12,736	13,269	46,958	38,338	18,127
1965	194,303	19,824	42,938	13,516	13,746	46,912	38,916	18,451
1966	196,560	19,208	43,702	14,311	14,050	47,001	39,534	18,755
1967	198,712	18,563	44,244	14,200	15,248	47,194	40,193	19,071
1968	200,706	17,913	44,622	14,452	15,786	47,721	40,846	19,365
1969	202,677	17,376	44,840	14,800	16,480	48,064	41,437	19,680
1970	205,052	17,166	44,816	15,289	17,202	48,473	41,999	20,107
1971	207,661	17,244	44,591	15,688	18,159	48,936	42,482	20,561
1972	209,896	17,101	44,203	16,039	18,153	50,482	42,898	21,020
1973	211,909	16,851	43,582	16,446	18,521	51,749	43,235	21,525
1974	213,854	16,487	42,989	16,769	18,975	53,051	43,522	22,061
1975	215,973	16,121	42,508	17,017	19,527	54,302	43,801	22,696
1976	218,035	15,617	42,099	17,194	19,986	55,852	44,008	23,278
1977	220,239	15,564	41,298	17,276	20,499	57,561	44,150	23,892
1978	222,585	15,735	40,428	17,288	20,946	59,400	44,286	24,502
1979	225,055	16,063	39,552	17,242	21,297	61,379	44,390	25,134
1980	227,658	16,448	38,814	17,131	21,605	63,465	44,487	25,708
1981	229,807	16,939	38,040	16,679	21,938	65,487	44,471	26,253
1982	231,990	.....	.....	.....	.....	.....	.....	.....

Note.—Includes Armed Forces overseas beginning 1940. Includes Alaska and Hawaii beginning 1950.

NONINSTITUTIONAL POPULATION AND THE LABOR FORCE, 1929-82

[Monthly data seasonally adjusted, except as noted]

Year or month	Noninstitutional population[1]	Armed Forces[1]	Civilian labor force					Unemployment rate (percent of civilian labor force)	Civilian labor force participation rate[2]		
			Total	Employment			Unemployment		Total	Males	Females
				Total	Agricultural	Nonagricultural					
	Thousands of persons 14 years of age and over							Percent			
1929	....	260	49,180	47,630	10,450	37,180	1,550	3.2	....	....	....
1933	....	250	51,590	38,760	10,090	28,670	12,830	24.9	....	....	....
1939	....	370	55,230	45,750	9,610	36,140	9,480	17.2	....	....	....
1940	100,380	540	55,640	47,520	9,540	37,980	8,120	14.6	55.7	83.7	28.2
1941	101,520	1,620	55,910	50,350	9,100	41,250	5,560	9.9	56.0	84.3	28.7
1942	102,610	3,970	56,410	53,750	9,250	44,500	2,660	4.7	57.2	85.6	31.3
1943	103,660	9,020	55,540	54,470	9,080	45,390	1,070	1.9	58.7	86.4	36.0
1944	104,630	11,410	54,630	53,960	8,950	45,010	670	1.2	58.6	87.0	36.5
1945	105,530	11,440	53,860	52,820	8,580	44,240	1,040	1.9	57.2	84.8	35.9
1946	106,520	3,450	57,520	55,250	8,320	46,930	2,270	3.9	55.8	82.6	31.2
1947	107,608	1,590	60,168	57,812	8,256	49,557	2,356	3.9	56.8	84.0	31.0
	Thousands of persons 16 years of age and over										
1947	103,418	1,591	59,350	57,038	7,890	49,148	2,311	3.9	58.3	86.4	31.8
1948	104,527	1,456	60,621	58,343	7,629	50,714	2,276	3.8	58.8	86.6	32.7
1949	105,611	1,616	61,286	57,651	7,658	49,993	3,637	5.9	58.9	86.4	33.1
1950	106,645	1,649	62,208	58,918	7,160	51,758	3,288	5.3	59.2	86.4	33.9
1951	107,721	3,098	62,017	59,961	6,726	53,235	2,055	3.3	59.3	86.5	34.6
1952	108,823	3,593	62,138	60,250	6,500	53,749	1,883	3.0	59.0	86.3	34.7
1953[3]	110,601	3,547	63,015	61,179	6,260	54,919	1,834	2.9	58.9	86.0	34.4
1954	111,671	3,350	63,643	60,109	6,205	53,904	3,532	5.5	58.8	85.5	34.6
1955	112,732	3,048	65,023	62,170	6,450	55,722	2,852	4.4	59.3	85.3	35.7
1956	113,811	2,856	66,552	63,799	6,283	57,514	2,750	4.1	60.0	85.5	36.9
1957	115,065	2,799	66,929	64,071	5,947	58,123	2,859	4.3	59.6	84.8	36.9
1958	116,363	2,636	67,639	63,036	5,586	57,450	4,602	6.8	59.5	84.2	37.1
1959	117,881	2,551	68,369	64,630	5,565	59,065	3,740	5.5	59.3	83.7	37.1
1960[3]	119,759	2,514	69,628	65,778	5,458	60,318	3,852	5.5	59.4	83.3	37.7
1961	121,343	2,572	70,459	65,746	5,200	60,546	4,714	6.7	59.3	82.9	38.1
1962[3]	122,981	2,827	70,614	66,702	4,944	61,759	3,911	5.5	58.8	82.0	37.9
1963	125,154	2,737	71,833	67,762	4,687	63,076	4,070	5.7	58.7	81.4	38.3
1964	127,224	2,738	73,091	69,305	4,523	64,782	3,786	5.2	58.7	81.0	38.7
1965	129,236	2,722	74,455	71,088	4,361	66,726	3,366	4.5	58.9	80.7	39.3
1966	131,180	3,122	75,770	72,895	3,979	68,915	2,875	3.8	59.2	80.4	40.3
1967	133,319	3,446	77,347	74,372	3,844	70,527	2,975	3.8	59.6	80.4	41.1
1968	135,562	3,534	78,737	75,920	3,817	72,103	2,817	3.6	59.6	80.1	41.6

NONINSTITUTIONAL POPULATION AND THE LABOR FORCE, 1929-82

[Monthly data seasonally adjusted, except as noted]

			Civilian labor force						Civilian labor force participation rate[2]		
				Employment							
Year or month	Noninstitutional population[1]	Armed Forces[1]	Total	Total	Agricultural	Nonagricultural	Unemployment	Unemployment rate (percent of civilian labor force)	Total	Males	Females
	Thousands of persons 14 years of age and over							Percent			
1969	137,841	3,506	80,734	77,902	3,606	74,296	2,832	3.5	60.1	79.8	42.7
1970	140,272	3,188	82,771	78,678	3,463	75,215	4,093	4.9	60.4	79.7	43.3
1971	143,033	2,816	84,382	79,367	3,394	75,972	5,016	5.9	60.2	79.1	43.4
1972[3]	146,574	2,449	87,034	82,153	3,484	78,669	4,882	5.6	60.4	78.9	43.9
1973[3]	149,423	2,326	89,429	85,064	3,470	81,594	4,365	4.9	60.8	78.8	44.7
1974	152,349	2,229	91,949	86,794	3,515	83,279	5,156	5.6	61.3	78.7	45.7
1975	153,333	2,180	93,775	85,846	3,408	82,438	7,929	8.5	61.2	77.9	46.3
1976	158,294	2,144	96,158	88,752	3,331	85,421	7,406	7.7	61.6	77.5	47.3
1977	161,166	2,133	99,009	92,017	3,283	88,734	6,991	7.1	62.3	77.7	48.4
1978[3]	164,027	2,117	102,251	96,048	3,387	92,661	6,202	6.1	63.2	77.9	50.0
1979	166,951	2,088	104,962	98,824	3,347	95,477	6,137	5.8	63.7	77.8	50.9
1980	169,848	2,102	106,940	99,303	3,364	95,938	7,637	7.1	63.8	77.4	51.5
1981	172,272	2,142	108,670	100,397	3,368	97,030	8,273	7.6	63.9	77.0	52.1
1982	174,451	2,179	110,204	99,526	3,401	96,125	10,678	9.7	64.0	76.6	52.6

NONINSTITUTIONAL POPULATION AND THE LABOR FORCE, 1929-82

[Monthly data seasonally adjusted, except as noted]

Year or month	Noninstitutional population[1]	Armed Forces[1]	Civilian labor force					Unemployment rate (percent of civilian labor force)	Civilian labor force participation rate[2]		
				Employment							
			Total	Total	Agricultural	Nonagricultural	Unemployment		Total	Males	Females
	Thousands of persons 16 years of age and over							Percent			
1980:											
Jan	168,625	2,081	106,546	99,872	3,313	96,559	6,674	6.3	64.0	77.7	51.6
Feb.	168,846	2,086	106,637	99,963	3,387	96,576	6,674	6.3	63.9	77.8	51.5
Mar	169,073	2,090	106,394	99,677	3,412	96,265	6,717	6.3	63.7	77.5	51.3
Apr	169,289	2,092	106,552	99,204	3,318	95,886	7,348	6.9	63.7	77.4	51.4
May	169,494	2,088	106,892	98,922	3,385	95,537	7,970	7.5	63.9	77.6	51.5
June	169,735	2,092	106,832	98,769	3,309	95,460	8,063	7.5	63.7	77.5	51.4
July	170,030	2,099	107,169	98,816	3,331	95,485	8,353	7.8	63.8	77.5	51.5
Aug.	170,217	2,114	107,169	98,829	3,247	95,582	8,287	7.7	63.7	77.3	51.5
Sept	170,419	2,121	107,148	99,104	3,448	95,656	8,044	7.5	63.7	77.3	51.4
Oct	170,624	2,121	107,438	99,327	3,362	95.965	8,111	7.5	63.8	77.3	51.6
Nov	170,814	2,119	107,596	99,567	3,387	96,180	8,029	7.5	63.8	77.3	51.6
Dec	171,007	2,124	107,446	99,650	3,486	96,164	7,796	7.3	63.6	77.0	51.6
1981:											
Jan	171,229	2,125	108,012	99,964	3,420	96,544	8,048	7.5	63.9	77.3	51.8
Feb	171,400	2,121	108,175	100,143	3,340	96,803	8,032	7.4	63.9	77.2	52.0
Mar	171,581	2,128	108,471	100,504	3,356	97,148	7,967	7.3	64.0	77.3	52.1
Apr.	171,770	2,129	108,866	101,006	3,519	97,487	7,860	7.2	64.2	77.4	52.3
May	171,956	2,127	109,101	100,968	3,371	97,597	8,133	7.5	64.2	77.4	52.4
June	172,172	2,131	108,440	100,393	3,360	97,003	8,047	7.4	63.8	76.7	52.1
July	172,385	2,139	108,602	100,748	3,320	97,428	7,854	7.2	63.8	76.8	52.1
Aug	172,559	2,160	108,762	100,709	3,396	97,313	8,053	7.4	63.8	76.9	52.1
Sept	172,758	2,165	108,375	100,104	3,358	96,746	8,271	7.6	63.5	76.7	51.7
Oct	172,966	2,158	109,028	100,355	3,374	96,981	8,673	8.0	63.8	76.7	52.2
Nov	173,155	2,158	109,254	100,229	3,389	96,840	9,025	8.3	63.9	76.8	52.3
Dec	173,330	2,164	109,066	99,677	3,219	96,458	9,389	8.6	63.7	76.7	52.0

NONINSTITUTIONAL POPULATION AND THE LABOR FORCE, 1929-82

[Monthly data seasonally adjusted, except as noted]

Year or month	Noninstitutional population[1]	Armed Forces[1]	Civilian labor force: Total	Civilian labor force: Employment: Total	Civilian labor force: Employment: Agricultural	Civilian labor force: Employment: Nonagricultural	Unemployment	Unemployment rate (percent of civilian labor force)	Civilian labor force participation rate[2]: Total	Civilian labor force participation rate[2]: Males	Civilian labor force participation rate[2]: Females
	Thousands of persons 16 years of age and over							Percent			
1982:											
Jan	173,495	2,159	109,034	99,688	3,379	96,309	9,346	8.6	63.6	76.5	52.1
Feb	173,657	2,168	109,364	99,695	3,367	96,328	9,669	8.8	63.8	76.6	52.3
Mar	173,843	2,175	109,478	99,597	3,367	96,230	9,881	9.0	63.8	76.5	52.3
Apr	174,020	2,176	109,740	99,464	3,356	96,128	10,256	9.3	63.9	76.6	52.4
May	174,201	2,175	110,378	99,994	3,446	96,548	10,384	9.4	64.2	77.0	52.7
June	174,364	2,173	110,147	99,681	3,371	96,310	10,466	9.5	64.0	76.5	52.7
July	174,544	2,180	110,416	99,588	3,445	96,143	10,828	9.8	64.1	76.5	52.9
Aug	174,707	2,196	110,614	99,683	3,429	96,254	10,931	9.9	64.1	76.6	52.9
Sept	174,889	2,198	110,858	99,543	3,363	96,180	11,315	10.2	64.2	76.8	52.8
Oct	175,069	2,188	110,752	99,176	3,413	95,763	11,576	10.5	64.1	76.7	52.7
Nov	175,238	2,180	111,042	99,136	3,466	95,670	11,906	10.7	64.2	76.8	52.8
Dec	175,380	2,182	111,129	99,093	3,411	95,682	12,036	10.8	64.2	76.6	53.0

[1] Not seasonally adjusted.

[2] Civilian labor force as percent of civilian noninstiutional population.

[3] Not strictly comparable with earlier data due to population adjustments as follows: Beginning 1953, introduction of 1950 census data added about 600,000 to population and about 350,000 to labor force, total employment, and agricultural employment. Beginning 1960, inclusion of Alaska and Hawaii added about 500,000 to population, about 300,000 to labor force, and about 240,000 to nonagricultural employment. Beginning 1962, introduction of 1960 census data reduced populaion by about 50,000 and labor force and employment by about 200,000. Beginning 1972, introducton of 1970 census data added about 800,000 to civilian noninstitutional population and about 333,00 to labor force and employment. A subsequent adjustment based on 1970 census in March 1973 added 60,000 to labor force and to employment. Beginning 1978, changes in sampling and estimation procedures introduced into the household survey added about 250,000 to labor force and to employment. Unemployment levels and rates were not significantly affected.

CIVILIAN EMPLOYMENT AND UNEMPLOYMENT BY SEX AND AGE, 1947-82

[Thousands of persons 16 years of age and over; monthly data seasonally adjusted]

Year or month:	Civilian employment							Unemployment						
		Males			Females				Males			Females		
	Total	Total	16-19 years	20-years and over	Total	16-19 years	20 years and over	Total	Total	16-19 years	20 years and over	Total	16-19 years	20 years and over
1947	57,038	40,995	2,218	38,776	16,045	1,691	14,354	2,311	1,692	270	1,422	619	144	475
1948	58,343	41,725	2,344	39,382	16,617	1,682	14,936	2,276	1,559	256	1,305	717	153	564
1949	57,651	40,925	2,124	38,803	16,723	1,588	15,137	3,637	2,572	353	2,219	1,065	223	841
1950	58,918	41,578	2,186	39,394	17,340	1,517	15,824	3,288	2,239	316	1,922	1,049	195	854
1951	59,961	41,780	2,156	39,626	18,181	1,611	16,570	2,055	1,221	191	1,029	834	145	689
1952	60,250	41,682	2,107	39,578	18,568	1,612	16,958	1,883	1,185	205	980	698	140	559
1953	61,179	42,430	2,136	40,295	18,749	1,584	17,164	1,834	1,202	184	1,019	632	123	510
1954	60,109	41,619	1,985	39,634	18,490	1,490	17,000	3,532	2,344	310	2,035	1,188	191	997
1955	62,170	42,621	2,095	40,526	19,551	1,547	18,002	2,852	1,854	274	1,580	998	176	823
1956	63,799	43,379	2,164	41,216	20,419	1,654	18,767	2,750	1,711	269	1,442	1,039	209	832
1957	64,071	43,357	2,115	41,239	20,714	1,663	19,052	2,859	1,841	300	1,541	1,018	197	821
1958	63,036	42,423	2,012	40,411	20,613	1,570	19,043	4,602	3,098	416	2,681	1,504	262	1,242
1959	64,630	43,466	2,198	41,267	21,164	1,640	19,524	3,740	2,420	398	2,022	1,320	256	1,063
1960[1]	65,778	43,904	2,361	41,543	21,874	1,768	20,105	3,852	2,486	426	2,060	1,366	286	1,080
1961	65,746	43,656	2,315	41,342	22,090	1,793	20,296	4,714	2,997	479	2,518	1,717	349	1,368
1962[1]	66,702	44,177	2,362	41,815	22,525	1,833	20,693	3,911	2,423	408	2,016	1,488	313	1,175
1963	67,762	44,657	2,406	42,251	23,105	1,849	21,257	4,070	2,472	501	1,971	1,598	383	1,216
1964	69,305	45,474	2,587	42,886	23,831	1,929	21,903	3,786	2,205	487	1,718	1,581	385	1,195
1965	71,088	46,340	2,918	43,422	24,748	2,118	22,630	3,366	1,914	479	1,435	1,452	395	1,056
1966	72,895	46,919	3,253	43,668	25,976	2,468	23,510	2,875	1,551	432	1,120	1,324	405	921
1967	74,372	47,479	3,186	44,294	26,893	2,496	24,397	2,975	1,508	448	1,060	1,468	391	1,078
1968	75,920	48,114	3,255	44,859	27,807	2,526	25,281	2,817	1,419	426	993	1,397	412	985
1969	77,902	48,818	3,430	45,388	29,084	2,687	26,397	2,832	1,403	440	963	1,429	413	1,015
1970	78,678	48,990	3,409	45,581	29,688	2,735	26,952	4,093	2,238	599	1,638	1,855	506	1,349
1971	79,367	49,390	3,478	45,912	29,976	2,730	27,246	5,016	2,789	693	2,097	2,227	568	1,658
1972[1]	82,153	50,896	3,765	47,130	31,257	2,980	28,276	4,882	2,659	711	1,948	2,222	598	1,625
1973[1]	85,064	52,349	4,039	48,310	32,715	3,231	29,484	4,365	2,275	653	1,624	2,089	583	1,507
1974	86,794	53,024	4,103	48,922	33,769	3,345	30,424	5,156	2,714	757	1,957	2,441	665	1,777

CIVILIAN EMPLOYMENT AND UNEMPLOYMENT BY SEX AND AGE, 1947-82

[Thousands of persons 16 years of age and over; monthly data seasonally adjusted]

	Civilian employment							Unemployment						
		Males			Females				Males			Females		
Year or month:	Total	Total	16-19 years	20- years and over	Total	16-19 years	20 years and over	Total	Total	16-19 years	20 years and over	Total	16-19 years	20 years and over
1975	85,846	51,857	3,839	48,018	33,989	3,263	30,726	7,929	4,442	966	3,476	3,486	802	2,684
1976	88,752	53,138	3,947	49,190	35,615	3,389	32,226	7,406	4,036	939	3,098	3,369	780	2,588
1977	92,017	54,728	4,174	50,555	37,289	3,514	33,775	6,991	3,667	874	2,794	3,324	789	2,535
1978[1]	96,048	56,479	4,336	52,143	39,569	3,734	35,836	6,202	3,142	813	2,328	3,061	769	2,292
1979	98,824	57,607	4,300	53,308	41,217	3,783	37,434	6,137	3,120	811	2,308	3,018	743	2,276
1980	99,303	57,186	4,085	53,101	42,117	3,625	38,492	7,637	4,267	913	3,353	3,370	755	2,615
1981	100,397	57,397	3,815	53,582	43,000	3,411	39,590	8,273	4,577	962	3,615	3,696	800	2,895
1982	99,526	56,271	3,379	52,891	43,256	3,170	40,086	10,678	6,179	1,090	5,089	4,499	886	3,613
1981:														
Jan	99,964	57,357	3,968	53,389	42,607	3,558	39,049	8,048	4,477	998	3,479	3,571	762	2,809
Feb	100,143	57,337	3,933	53,404	42,806	3,538	39,268	8,032	4,448	988	3,500	3,544	778	2,766
Mar	100,504	57,557	3,916	53,641	42,947	3,514	39,433	7,967	4,397	958	3,439	3,570	805	2,765
Apr	101,006	57,837	3,981	53,856	43,169	3,545	39,624	7,860	4,300	947	3,353	3,560	800	2,760
May	100,968	57,739	3,892	53,847	43,229	3,504	39,725	8,133	4,495	955	3,540	3,638	792	2,846
June	100,393	57,314	3,736	53,578	43,079	3,383	39,696	8,047	4,439	947	3,492	3,608	778	2,830
July	100,748	57,614	3,786	53,828	43,134	3,413	39,721	7,854	4,226	883	3,343	3,628	761	2,867
Aug	100,709	57,540	3,796	53,744	43,169	3,443	39,726	8,053	4,444	931	3,513	3,609	760	2,849
Sept	100,104	57,404	3,758	53,646	42,700	3,344	39,356	8,271	4,499	940	3,559	3,772	819	2,953
Oct	100,355	57,257	3,750	53,507	43,098	3,263	39,835	8,673	4,764	949	3,815	3,909	866	3,043
Nov	100,229	57,062	3,683	53,379	43,167	3,247	39,920	9,025	5,052	1,026	4,026	3,973	868	3,105
Dec	99,677	56,746	3,578	53,168	42,931	3,194	39,737	9,389	5,396	1,029	4,367	3,993	819	3,174
1982:														
Jan	99,688	56,667	3,568	53,099	43,021	3,204	39,817	9,346	5,381	1,019	4,362	3,965	856	3,109
Feb	99,695	56,670	3,540	53,130	43,025	3,200	39,825	9,669	5,486	1,035	4,451	4,183	897	3,286
Mar	99,597	56,499	3,473	53,026	43,098	3,215	39,883	9,881	5,662	1,055	4,607	4,219	817	3,402
Apr	99,484	56,444	3,420	53,024	43,040	3,213	39,827	10,256	5,856	1,086	4,770	4,400	872	3,528
May	99,994	56,724	3,534	53,190	43,270	3,206	40,064	10,384	5,921	1,103	4,818	4,463	895	3,568
June	99,681	56,249	3,306	52,943	43,432	3,178	40,254	10,466	6,076	1,060	5,016	4,390	825	3,565
July	99,568	56,127	3,222	52,905	43,461	3,150	40,311	10,828	6,234	1,084	5,150	4,594	922	3,672
Aug	99,683	56,159	3,327	52,832	43,524	3,156	40,368	10,931	6,345	1,113	5,232	4,586	915	3,671
Sept	99,543	56,072	3,296	52,776	43,471	3,185	40,286	11,315	6,703	1,125	5,578	4,612	902	3,710
Oct	99,176	55,932	3,283	52,649	43,244	3,132	40,112	11,576	6,844	1,130	5,714	4,732	908	3,824
Nov	99,136	55,892	3,303	52,589	43,244	3,121	40,123	11,906	7,006	1,141	5,865	4,900	911	3,989
Dec	99,093	55,809	3,275	52,534	43,284	3,069	40,215	12,036	7,046	1,137	5,909	4,990	919	4,071

AVERAGE WEEKLY HOURS AND HOURLY EARNINGS IN SELECTED PRIVATE NONAGRICULTURAL INDUSTRIES, 1947-82

[For production or nonsupervisory workers; monthly data seasonally adjusted, except as noted]

Year or month:	Average weekly hours				Average gross hourly earnings, current dollars				Adjusted hourly earnings, total private nonagricultural[1]			
									Index, 1977 = 100		Percent change from a year earlier[3]	
	Total private non-agricultural	Manufacturing	Construction	Wholesale and retail trade	Total private non agricultural	Manufacturing	Construction	Wholesale and retail trade	Current dollars	1977 dollars[2]	Current dollars	1977 dollars
1947	40.3	40.4	38.2	40.5	$1.131	$1.216	$1.540	$0.940	21.6	58.5	....	....
1948	40.0	40.0	38.1	40.4	1.225	1.327	1.712	1.010	23.4	58.9	8.3	0.7
1949	39.4	39.1	37.7	40.5	1.275	1.376	1.792	1.060	24.5	62.3	4.7	5.8
1950	39.8	40.5	37.4	40.5	1.335	1.439	1.863	1.100	25.4	64.0	3.7	2.7
1951	39.9	40.6	38.1	40.5	1.45	1.56	2.02	1.18	27.3	63.6	7.5	-.6
1952	39.9	40.7	38.9	40.0	1.52	1.64	2.13	1.23	28.7	65.5	5.1	3.0
1953	39.6	40.5	37.9	39.5	1.61	1.74	2.28	1.30	30.3	68.7	5.6	4.9
1954	39.1	39.6	37.2	39.5	1.65	1.78	2.38	1.35	31.3	70.5	3.3	2.6
1955	39.6	40.7	37.1	39.4	1.71	1.85	2.45	1.40	32.4	73.3	3.5	4.0
1956	39.3	40.4	37.5	39.1	1.80	1.95	2.57	1.47	34.0	75.9	4.9	3.5
1957	38.8	39.8	37.0	38.7	1.89	2.04	2.71	1.54	35.7	76.9	5.0	1.3
1958	38.5	39.2	36.8	38.6	1.95	2.10	2.82	1.60	37.2	78.0	4.2	1.4
1959	39.0	40.3	37.0	38.8	2.02	2.19	2.93	1.66	38.5	80.0	3.5	2.6
1960	38.6	39.7	36.7	38.6	2.09	2.26	3.07	1.71	39.8	81.4	3.4	1.8
1961	38.6	39.8	36.9	38.3	2.14	2.32	3.20	1.76	41.0	83.0	3.0	2.0
1962	38.7	40.4	37.0	38.2	2.22	2.39	3.31	1.83	42.4	85.0	3.4	2.4
1963	38.8	40.5	37.3	38.1	2.28	2.45	3.41	1.89	43.6	86.3	2.8	1.5
1964	38.7	40.7	37.2	37.9	2.36	2.53	3.55	1.97	44.8	87.5	2.8	1.4
1965	38.8	41.2	37.4	37.7	2.46	2.61	3.70	2.04	46.4	89.0	3.6	1.7
1966	38.6	41.4	37.6	37.1	2.56	2.71	3.89	2.14	48.4	90.3	4.3	1.5
1967	38.0	40.6	37.7	36.6	2.68	2.82	4.11	2.25	50.8	92.2	5.0	2.1
1968	37.8	40.7	37.3	36.1	2.85	3.01	4.41	2.41	53.9	94.0	6.1	2.0
1969	37.7	40.6	37.9	35.7	3.04	3.19	4.79	2.56	57.5	95.0	6.7	1.1
1970	37.1	39.8	37.3	35.3	3.23	3.35	5.24	2.72	61.3	95.7	6.6	.7
1971	36.9	39.9	37.2	35.1	3.45	3.57	5.69	2.88	65.7	98.3	7.2	2.7
1972	37.0	40.5	36.5	34.9	3.70	3.82	6.06	3.05	69.8	101.2	6.2	3.0
1973	36.9	40.7	36.8	34.6	3.94	4.09	6.41	3.23	74.1	101.1	6.2	-.1
1974	36.5	40.0	36.6	34.2	4.24	4.42	6.81	3.48	80.0	98.3	8.0	-2.8
1975	36.1	39.5	36.4	33.9	4.53	4.83	7.31	3.73	86.7	97.6	8.4	-.7
1976	36.1	40.1	36.8	33.7	4.86	5.22	7.71	3.97	92.9	99.0	7.2	1.4
1977	36.0	40.3	36.5	33.3	5.25	5.68	8.10	4.28	100.0	100.0	7.6	1.0
1978	35.8	40.4	36.8	32.9	5.69	6.17	8.66	4.67	108.1	100.5	8.1	.5
1979	35.7	40.2	37.0	32.6	6.16	6.70	9.27	5.06	116.8	97.4	8.0	-3.1

AVERAGE WEEKLY HOURS AND HOURLY EARNINGS IN SELECTED PRIVATE NONAGRICULTURAL INDUSTRIES, 1947-82

[For production or nonsupervisory workers; monthly data seasonally adjusted, except as noted]

Year or month:	Average weekly hours				Average gross hourly earnings, current dollars				Adjusted hourly earnings, total private nonagricultural –			
	Total private nonagricultural	Manufacturing	Construction	Wholesale and retail trade	Total private nonagricultural	Manufacturing	Construction	Wholesale and retail trade	Index, 1977 = 100		Percent change from a year earlier	
									Current dollars	1977 dollars[2]	Current dollars	1977 dollars
1980	35.3	39.7	37.0	32.2	6.66	7.27	9.94	5.48	127.3	93.5	9.0	−4.0
1981	35.2	39.8	36.9	32.2	7.25	7.99	10.80	5.93	138.9	92.6	9.1	−1.0
1982[p]	34.8	38.9	36.7	31.9	7.67	8.50	11.55	6.22	148.4	93.3	6.8	.8
1981:												
Jan	35.6	40.4	38.6	32.3	7.00	7.69	10.40	5.72	133.7	92.8	9.9	−1.6
Feb	35.2	39.7	36.3	32.2	7.05	7.75	10.47	5.78	134.8	92.7	9.9	−1.4
Mar	35.3	39.9	37.2	32.2	7.10	7.81	10.53	5.82	135.7	92.7	9.4	−1.0
Apr	35.4	40.1	37.2	32.3	7.14	7.90	10.57	5.85	136.6	93.0	9.5	−.4
May	35.4	40.2	37.0	32.2	7.19	7.94	10.64	5.89	137.6	93.0	9.4	−.4
June	35.2	40.1	36.5	32.1	7.23	7.99	10.73	5.91	138.4	92.9	8.9	−.5
July	35.3	40.0	37.0	32.2	7.27	8.03	10.82	5.94	139.1	92.2	8.8	−1.7
Aug	35.2	39.9	36.8	32.2	7.34	8.09	10.90	5.98	140.5	92.5	9.3	−1.4
Sept	35.0	39.4	35.3	32.1	7.37	8.14	10.95	6.03	141.4	92.1	9.3	−1.4
Oct	35.1	39.5	36.8	32.0	7.40	8.16	11.06	6.03	142.0	92.1	8.6	−1.4
Nov	35.1	39.3	37.4	32.1	7.45	8.20	11.14	6.06	143.0	92.3	8.4	−.9
Dec	35.0	39.1	37.0	32.0	7.46	8.20	11.22	6.08	143.5	92.3	8.2	−.4
1982:												
Jan	34.4	37.6	35.2	31.7	7.52	8.38	11.52	6.09	144.9	92.9	8.3	.1
Feb	35.0	39.4	37.1	32.0	7.53	8.34	11.34	6.10	145.0	92.8	7.5	.1
Mar	34.9	39.0	36.9	31.9	7.54	8.37	11.39	6.12	145.4	93.3	7.2	.6
Apr	34.9	39.0	36.9	31.8	7.59	8.44	11.43	6.16	146.3	93.7	7.2	.8
May	35.0	39.1	37.5	32.0	7.65	8.48	11.54	6.20	147.7	93.7	7.3	.8
June	34.9	39.2	36.8	31.9	7.67	8.52	11.51	6.22	148.1	93.1	7.1	.2
July	34.9	39.2	37.2	31.9	7.71	8.56	11.56	6.23	148.9	93.0	7.1	.8
Aug	34.8	39.0	37.0	31.9	7.74	8.57	11.58	6.26	149.9	93.2	6.6	.8
Sept	34.8	38.8	36.4	32.1	7.72	8.56	11.56	6.25	150.1	93.2	6.1	1.2
Oct	34.7	38.8	36.3	31.9	7.77	8.56	11.71	6.32	150.8	93.2	6.2	1.2
Nov[p]	34.7	38.9	36.4	31.8	7.78	8.61	11.60	6.34	151.1	93.3	5.6	1.0
Dec[p]	34.6	38.9	36.5	31.8	7.83	8.62	11.82	6.35	151.9	94.0	5.9	1.9

[1] Adjusted for overtime (in manufacturing only) and for interindustry employment shifts.

[2] Current-dollar earnings index divided by the consumer price index for urban wage earners and clerical workers on a 1977 = 100 base.

[3] Monthly data are computed from indexes to two decimal places and are based on data not seasonally adjusted.

AVERAGE WEEKLY EARNINGS IN SELECTED PRIVATE NONAGRICULTURAL INDUSTRIES, 1947-82

[For production or nonsupervisory workers; monthly data seasonally adjusted, except as noted]

	Average gross weekly earnings					Percent change from a year earlier, total private nonagricultrual[2]	
	Total private nonagricultural		Manufacturing (current dollars)	Construction (current dollars)	Wholesale and retail trade (current dollars)		
Year or month:	Current dollars	1977 dollars[1]				Current dollars	1977 dollars
1947	$45.58	$123.52	$49.13	$58.83	$38.07	....	....
1948	49.00	123.43	53.08	65.23	40.80	7.5	−0.1
1949	50.24	127.84	53.80	67.56	42.93	2.5	3.6
1950	53.13	133.83	58.28	69.68	44.55	5.8	4.7
1951	57.86	134.87	63.34	76.96	47.79	8.9	.8
1952	60.65	138.47	66.75	82.86	49.20	4.8	2.7
1953	63.76	144.58	70.47	86.41	51.35	5.1	4.4
1954	64.52	145.32	70.49	88.54	53.33	1.2	.5
1955	67.72	153.21	75.30	90.90	55.16	5.0	5.4
1956	70.74	157.90	78.78	96.38	57.48	4.5	3.1
1957	73.33	158.04	81.19	100.27	59.60	3.7	.1
1958	75.08	157.40	82.32	103.78	61.76	2.4	−.4
1959	78.78	163.78	88.26	108.41	64.41	4.9	4.1
1960	80.67	164.97	89.72	112.67	66.01	2.4	.7
1961	82.60	167.21	92.34	118.08	67.41	2.4	1.4
1962	85.91	172.16	96.56	122.47	69.91	4.0	3.0
1963	88.46	175.17	99.23	127.19	72.01	3.0	1.7
1964	91.33	178.38	102.97	132.06	74.66	3.2	1.8
1965	95.45	183.21	107.53	138.38	76.91	4.5	2.7
1966	98.82	184.37	112.19	146.26	79.39	3.5	.6
1967	101.84	184.83	114.49	154.95	82.35	3.1	.2
1968	107.73	187.68	122.51	164.49	87.00	5.8	1.5
1969	114.61	189.44	129.51	181.54	91.39	6.4	.9
1970	119.83	186.94	133.33	195.45	96.02	4.6	−1.3
1971	127.31	190.58	142.44	211.67	101.09	6.2	1.9
1972	136.90	198.41	154.71	221.19	106.45	7.5	4.1
1973	145.39	198.35	166.46	235.89	111.76	6.2	−.0
1974	154.76	190.12	176.80	249.25	119.02	6.4	−4.1
1975	163.53	184.16	190.79	266.08	126.45	5.7	−3.1
1976	175.45	186.85	209.32	283.73	133.79	7.3	1.5
1977	189.00	189.00	228.90	295.65	142.52	7.7	1.2
1978	203.70	189.31	249.27	318.69	153.64	7.8	.2
1979	219.91	183.41	269.34	342.99	164.96	8.0	−3.1

AVERAGE WEEKLY EARNINGS IN SELECTED PRIVATE NONAGRICULTURAL INDUSTRIES, 1947-82

[For production or nonsupervisory workers; monthly data seasonally adjusted, except as noted]

Year or month:	Average gross weekly earnings					Percent change from a year earlier, total private nonagricultrual[2]	
	Total private nonagricultural		Manufacturing (current dollars)	Construction (current dollars)	Wholesale and retail trade (current dollars)	Current dollars	1977 dollars
	Current dollars	1977 dollars[1]					
1980	235.10	172.74	288.62	367.78	176.46	6.9	-5.8
1981	255.20	170.13	318.00	398.52	190.95	8.5	-1.5
1982P	266.92	167.87	330.65	423.89	198.42	4.6	-1.3
1981:							
Jan	249.20	172.94	310.68	401.44	184.76	9.5	-2.0
Feb	248.16	170.56	307.68	380.06	186.12	9.1	-2.1
Mar	250.63	171.31	311.62	391.72	187.40	9.2	-1.2
Apr	252.76	172.18	316.79	393.20	188.96	9.5	-.4
May	254.53	171.98	319.19	393.68	189.66	9.9	.1
June . . .	254.50	170.92	320.40	391.65	189.71	9.2	-.3
July	256.63	170.18	321.20	400.34	191.27	10.0	-.7
Aug	258.37	170.09	322.79	401.12	192.56	9.6	-1.1
Sept	257.95	168.05	320.72	386.54	193.56	8.4	-2.2
Oct	259.74	168.44	322.32	407.01	192.96	7.9	-2.0
Nov	261.50	168.82	322.26	416.64	194.53	7.3	-1.8
Dec	261.10	167.91	320.62	415.14	194.56	6.1	-2.4
1982:							
Jan	258.69	165.93	315.09	405.50	193.05	3.7	-4.1
Feb	263.55	168.62	328.60	420.71	195.20	6.2	-1.1
Mar	263.15	168.90	326.43	420.29	195.23	4.8	-1.6
Apr	264.89	169.69	329.16	421.77	195.89	4.5	-1.7
May	267.75	169.89	331.57	432.75	198.40	5.2	-1.2
June . . .	267.68	168.14	333.98	423.57	198.42	4.9	-1.9
July	269.08	167.97	335.55	430.03	198.74	4.7	-1.4
Aug	269.35	167.61	334.23	428.46	199.69	4.3	-1.4
Sept	268.66	166.87	332.13	420.78	200.63	4.0	-.9
Oct	269.62	166.53	332.13	425.07	201.61	3.5	-1.4
NovP . . .	269.97	166.75	334.93	422.24	201.61	3.2	-1.2
DecP . . .	270.92	167.75	335.32	431.43	201.93	3.8	-.1

[1] Earnings in current dollars divided by the consumer price index on a 1977 = 100 base.

[2] Based on data not seasonally adjusted.

P—preliminary

PRODUCTIVITY AND RELATED DATA, BUSINESS SECTOR, 1947-82

[1977 = 100; quarterly data seasonally adjusted]

Year or quarter:	Output per hour of all persons — Business sector	Output per hour of all persons — Nonfarm business sector	Output[1] — Business sector	Output[1] — Nonfarm business sector	Hours of all persons[2] — Business sector	Hours of all persons[2] — Nonfarm business sector	Compensation per hour[3] — Business sector	Compensation per hour[3] — Nonfarm business sector	Real compensation per hour[4] — Business sector	Real compensation per hour[4] — Nonfarm business sector	Unit labor cost — Business sector	Unit labor cost — Nonfarm business sector	Implicit price deflator[5] — Business sector	Implicit price deflator[5] — Nonfarm business sector
1947	43.7	49.9	35.0	34.0	80.2	68.1	17.0	18.5	46.1	50.1	38.9	37.0	38.1	36.6
1948	46.0	52.0	37.2	36.0	80.7	69.2	18.4	20.1	46.4	50.5	40.0	38.6	40.8	39.1
1949	46.7	53.1	36.5	35.3	78.1	66.6	18.7	20.6	47.6	52.5	40.1	38.9	40.3	39.4
1950	50.4	56.3	39.8	38.6	78.9	68.7	20.0	21.8	50.5	55.0	39.7	38.8	41.0	40.1
1951	51.8	57.2	42.1	41.1	81.3	71.9	22.0	23.8	51.3	55.4	42.5	41.5	44.0	42.8
1952	53.5	58.6	43.5	42.5	81.4	72.6	23.4	25.1	53.4	57.2	43.8	42.8	44.5	43.5
1953	55.2	59.5	45.4	44.3	82.2	74.5	24.9	26.5	56.4	59.9	45.1	44.4	44.9	44.4
1954	56.1	60.4	44.6	43.4	79.5	71.9	25.7	27.3	58.0	61.6	45.9	45.2	45.3	45.0
1955	58.3	62.8	48.1	47.0	82.5	74.9	26.4	28.3	59.6	64.0	45.2	45.0	46.0	46.0
1956	58.9	62.9	49.3	48.3	83.7	76.8	28.1	30.0	62.6	66.8	47.7	47.6	47.5	47.6
1957	60.4	64.0	49.8	48.9	82.5	76.4	29.9	31.7	64.4	68.2	49.5	49.5	49.2	49.3
1958	62.3	65.5	49.0	48.0	78.8	73.2	31.2	32.9	65.5	68.9	50.2	50.2	49.8	49.7
1959	64.3	67.7	52.6	51.8	81.9	76.5	32.6	34.2	67.7	71.1	50.7	50.5	50.8	50.9
1960	65.2	68.3	53.5	52.5	82.0	77.0	33.9	35.7	69.5	73.0	52.0	52.2	51.6	51.6
1961	67.3	70.3	54.4	53.5	80.8	76.1	35.2	36.8	71.3	74.6	52.3	52.4	51.8	51.9
1962	69.9	72.8	57.4	56.6	82.1	77.8	36.8	38.3	73.7	76.7	52.7	52.6	52.6	52.7
1963	72.5	75.1	59.9	59.1	82.6	78.7	38.2	39.6	75.5	78.4	52.6	52.7	53.2	53.3
1964	75.6	78.1	63.5	62.8	83.9	80.5	40.2	41.4	78.4	80.9	53.1	53.0	53.7	53.9
1965	78.3	80.5	67.8	67.2	86.6	83.5	41.7	42.8	80.1	82.2	53.3	53.2	54.7	54.8
1966	80.7	82.5	71.5	71.2	88.6	86.3	44.6	45.4	83.3	84.7	55.3	55.0	56.4	56.3
1967	82.5	84.0	73.1	72.7	88.6	86.5	47.0	47.9	85.3	86.9	56.9	57.0	57.9	58.1
1968	85.3	86.8	76.8	76.6	90.1	88.2	50.7	51.5	88.3	89.6	59.4	59.3	60.2	60.4
1969	85.5	86.5	79.0	78.8	92.5	91.1	54.2	54.8	89.6	90.6	63.4	63.4	63.2	63.3
1970	86.2	86.8	78.4	78.0	91.0	89.8	58.2	58.7	90.8	91.5	67.5	67.6	66.0	66.3
1971	89.2	89.7	80.7	80.3	90.5	89.5	62.0	62.5	92.8	93.5	69.5	69.7	69.0	69.3
1972	92.4	93.0	86.1	85.8	93.2	92.3	66.1	66.7	95.7	96.6	71.5	71.7	71.3	71.3
1973	94.7	95.3	91.8	91.7	96.8	96.2	71.3	71.7	97.3	97.8	75.3	75.3	75.3	74.0
1974	92.5	92.9	89.9	89.8	97.3	96.7	78.0	78.5	95.9	96.4	84.4	84.5	82.4	81.6

PRODUCTIVITY AND RELATED DATA, BUSINESS SECTOR, 1947-82

[1977 = 100; quarterly data seasonally adjusted]

Year or quarter:	Output per hour of all persons — Business sector	Output per hour of all persons — Nonfarm business sector	Output[1] — Business sector	Output[1] — Nonfarm business sector	Hours of all persons[2] — Business sector	Hours of all persons[2] — Nonfarm business sector	Compensation per hour[3] — Business sector	Compensation per hour[3] — Nonfarm business sector	Real compensation per hour[4] — Business sector	Real compensation per hour[4] — Nonfarm business sector	Unit labor cost — Business sector	Unit labor cost — Nonfarm business sector	Implicit price deflator[5] — Business sector	Implicit price deflator[5] — Nonfarm business sector
1975	94.5	94.7	88.2	87.8	93.3	92.7	85.5	85.0	96.3	96.8	90.5	90.8	90.5	90.0
1976	97.6	97.8	93.8	93.7	96.0	95.8	92.9	93.0	98.9	99.0	95.1	95.1	94.7	94.6
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.6	100.6	105.5	105.7	104.9	105.0	108.6	108.6	100.9	100.9	108.0	108.0	107.5	107.1
1979	99.6	99.3	107.8	108.0	108.2	108.7	119.1	118.8	99.4	99.2	119.5	119.6	117.2	116.5
1980	98.9	98.5	106.2	106.3	107.4	108.0	131.4	130.9	96.7	96.3	132.9	133.0	128.3	128.3
1981	100.7	99.9	108.9	108.6	108.2	108.7	144.1	143.6	96.0	95.7	143.1	143.8	140.4	140.8
1982[p]	101.0	100.0	106.4	105.9	105.3	105.9	154.6	154.0	97.0	96.7	153.0	153.9	148.2	149.0
1980:														
I	99.3	98.7	107.9	107.9	108.7	109.3	126.7	126.2	97.0	96.6	127.6	127.8	123.7	123.6
II	98.2	97.6	104.7	104.6	106.6	107.2	130.0	129.3	96.4	96.0	132.3	132.5	126.9	127.2
III	98.9	98.4	105.3	105.3	106.5	107.0	133.1	132.6	96.9	96.5	134.7	134.7	129.9	129.9
IV	99.3	99.2	107.0	107.3	107.7	108.2	136.1	135.7	96.2	95.9	137.0	136.8	132.8	132.7
1981:														
I	100.7	100.4	109.1	109.2	108.3	108.8	140.0	139.5	96.2	96.0	139.0	139.0	136.5	136.5
II	100.7	100.0	109.1	109.0	108.3	109.0	142.5	142.0	96.4	96.0	141.5	141.9	138.8	138.9
III	101.0	100.0	109.6	109.1	108.5	109.1	145.6	145.1	95.7	95.4	144.2	145.1	141.9	142.3
IV	100.2	99.1	107.8	107.1	107.5	108.1	148.2	147.7	95.6	95.3	147.9	149.0	144.6	145.5
1982:														
I	100.0	99.2	106.3	106.0	106.3	106.8	150.9	150.4	96.5	96.3	150.9	151.6	146.0	146.6
II	100.3	99.4	106.4	106.1	106.1	106.7	153.4	152.7	97.1	96.6	152.9	153.5	147.5	148.1
III	101.2	100.3	106.7	106.3	105.4	106.0	155.7	155.1	96.8	96.4	153.8	154.7	149.1	149.8
IV[p]	102.2	100.9	106.0	105.3	103.7	104.3	158.0	157.4	97.5	97.2	154.5	155.9	150.4	151.7

[1] Output refers to gross domestic product originating in the sector in 1972 dollars.

[2] Hours of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.

[3] Wages and salaries of employees plus employers' contributions for social insurance and private benifit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

[4] Hourly compensation divided by the consumer price index.

[5] Current dollar gross domestic product divided by constant dollar gross domestic product.

CAPACITY UTILIZATION RATE IN MANUFACTURING, 1948-82

[Percent; quarterly data seasonally adjusted]

Year or quarter:	FRB series: Total manufacturing	FRB series: Primary processing	FRB series: Advanced processing	Commerce series[1]: Total manufacturing	Commerce series[1]: Durable goods	Commerce series[1]: Nondurable goods	Commerce series[1]: Primary-processed goods	Commerce series[1]: Advanced-processed goods
1948	82.5	87.2	80.0	....	....	....	....	....
1949	74.2	76.2	73.3	....	....	....	....	....
1950	82.8	88.5	79.8	....	....	....	....	....
1951	85.8	90.2	83.4	....	....	....	....	....
1952	85.4	84.9	85.9	....	....	....	....	....
1953	89.2	89.4	89.3	....	....	....	....	....
1954	80.3	80.6	80.1	....	....	....	....	....
1955	87.1	92.1	84.3	....	....	....	....	....
1956	86.4	89.7	84.5	....	....	....	....	....
1957	83.7	84.7	83.1	....	....	....	....	....
1958	75.2	75.4	75.1	....	....	....	....	....
1959	81.9	83.4	81.1	....	....	....	....	....
1960	80.2	79.8	80.4	....	....	....	....	....
1961	77.4	77.9	77.2	....	....	....	....	....
1962	81.6	81.6	81.7	....	....	....	....	....
1963	83.5	83.8	83.4	....	....	....	....	....
1964	85.6	87.8	84.6	....	....	....	....	....
1965	89.6	91.1	88.9	85	88	85	89	85
1966	91.1	91.4	91.2	86	87	86	88	85
1967	86.9	85.7	87.6	84	83	85	87	83
1968	87.1	87.7	86.8	85	84	86	86	84
1969	86.2	88.5	85.0	85	84	86	87	84
1970	79.3	82.9	77.4	81	78	83	83	79
1971	78.4	82.3	76.3	80	78	83	82	80
1972	83.5	88.2	81.0	83	82	85	85	82
1973	87.6	92.5	85.0	86	85	86	89	84
1974	83.8	87.8	81.5	83	82	84	85	82
1975	72.9	73.7	72.5	77	76	79	76	77
1976	79.5	81.9	78.2	81	81	82	82	81
1977	81.9	84.0	80.8	83	84	82	83	83
1978	84.4	86.9	83.0	84	84	83	84	84
1979	85.7	88.1	84.3	83	83	82	84	82

CAPACITY UTILIZATION RATE IN MANUFACTURING, 1948-82

[Percent; quarterly data seasonally adjusted]

Year or quarter:	FRB series Total manufacturing	FRB series Primary processing	FRB series Advanced processing	Commerce series[1] Total manufacturing	Commerce series[1] Durable goods	Commerce series[1] Nondurable goods	Commerce series[1] Primary-processed goods	Commerce series[1] Advanced-processed goods
1980	79.1	78.5	79.4	78	77	79	77	78
1981	78.5	78.4	78.5	76	75	78	76	76
1982[p]	69.8	66.4	71.6	....	....	....	....	....
1978:								
I	82.0	84.0	80.9	84	84	83	83	84
II	83.9	86.3	82.7	84	85	82	84	84
III	85.2	87.9	83.7	83	83	82	84	82
IV	86.4	89.5	84.6	84	85	83	85	84
1979:								
I	86.9	89.0	85.7	84	85	83	85	84
II	85.9	88.2	84.7	83	84	82	84	83
III	85.3	88.3	83.7	82	82	82	83	81
IV	84.4	86.9	83.0	81	80	82	83	80
1980:								
I	83.4	85.5	82.5	80	80	81	81	80
II	77.9	76.4	78.7	76	74	78	75	76
III	75.9	73.1	77.4	76	75	78	74	77
IV	79.1	79.3	78.8	78	78	78	78	78
1981:								
I	79.9	81.3	79.1	78	77	79	78	78
II	79.8	80.3	79.6	78	77	80	78	78
III	79.3	79.4	79.2	76	74	78	76	76
IV	74.8	72.7	75.9	72	70	75	71	73
1982:								
I	71.6	69.1	73.2	72	70	75	70	73
II	70.3	66.3	72.5	71	68	76	66	74
III	69.7	66.1	71.6	69	65	74	66	71
IV[p]	67.6	64.3	69.2	....	....	....	....	....

[1] Quarterly data are for last month in quarter. Annual data are averages of the four indexes, except for 1965 (December index) and 1966-67 (averages of June and December indexes).

P—preliminary

NEW CONSTRUCTION ACTIVITY, 1929-82

[Value put in place, billions of dollars; monthly data at seasonally adjusted annual rates]

		Private construction							Public construction		
			Residential buildings[1]		Nonresidential buildings and other construction[1]						
Year or month:	Total new construction	Total	Total[2]	New housing units	Total	Commercial[3]	Industrial	Other[4]	Total	Federal	State and local[5]
1929	10.8	8.3	3.6	3.0	4.7	1.1	0.9	2.6	2.5	0.2	2.3
1933	2.9	1.2	.5	.3	.8	.1	.2	.5	1.6	.5	1.1
1939	8.2	4.4	2.7	2.3	1.7	.3	.3	1.2	3.8	.8	3.1
1940	8.7	5.1	3.0	2.6	2.1	.3	.4	1.3	3.6	1.2	2.4
1941	12.0	6.2	3.5	3.0	2.7	.4	.8	1.5	5.8	3.8	2.0
1942	14.1	3.4	1.7	1.4	1.7	.2	.3	1.2	10.7	9.3	1.3
1943	8.3	2.0	.9	.7	1.1	.0	.2	.9	6.3	5.6	.7
1944	5.3	2.2	.8	.6	1.4	.1	.2	1.1	3.1	2.5	.6
1945	5.8	3.4	1.3	.7	2.1	.2	.6	1.3	2.4	1.7	.7
1946	14.3	12.1	6.2	4.8	5.8	1.2	1.7	3.0	2.2	.9	1.4
New series											
1947	20.0	16.7	9.9	7.8	6.9	1.0	1.7	4.2	3.3	.8	2.5
1948	26.1	21.4	13.1	10.5	8.2	1.4	1.4	5.5	4.7	1.2	3.5
1949	26.7	20.5	12.4	10.0	8.0	1.2	1.0	5.9	6.3	1.5	4.8
1950	33.6	26.7	18.1	15.6	8.6	1.4	1.1	6.1	6.9	1.6	5.2
1951	35.4	26.2	15.9	13.2	10.3	1.5	2.1	6.7	9.3	3.0	6.3
1952	36.8	26.0	15.8	12.9	10.2	1.1	2.3	6.8	10.8	4.2	6.6
1953	39.1	27.9	16.6	13.4	11.3	1.8	2.2	7.3	11.2	4.1	7.1
1954	41.4	29.7	18.2	14.9	11.5	2.2	2.0	7.2	11.7	3.4	8.3
1955	46.5	34.8	21.9	18.2	12.9	3.2	2.4	7.3	11.7	2.8	8.9
1956	47.6	34.9	20.2	16.1	14.7	3.6	3.1	8.0	12.7	2.7	10.0
1957	49.1	35.1	19.0	14.7	16.1	3.6	3.6	9.0	14.1	3.0	11.1
1958	50.0	34.6	19.8	15.4	14.8	3.6	2.4	8.8	15.5	3.4	12.1
1959	55.4	39.3	24.3	19.2	15.1	3.9	2.1	9.0	16.1	3.7	12.3

NEW CONSTRUCTION ACTIVITY, 1929-82

[Value put in place, billions of dollars; monthly data at seasonally adjusted annual rates]

Year or month:	Total new construction	Private construction							Public construction		
			Residential buildings[1]		Nonresidential buildings and other construction[1]						
		Total	Total[2]	New housing units	Total	Commercial[3]	Industrial	Other[4]	Total	Federal	State and local[5]
1960	54.7	38.9	23.0	17.3	15.9	4.2	2.9	8.9	15.9	3.6	12.2
1961	56.4	39.3	23.1	17.1	16.2	4.7	2.8	8.7	17.1	3.9	13.3
1962	60.2	42.3	25.2	19.4	17.2	5.1	2.8	9.2	17.9	3.9	14.0
1963	64.8	45.5	27.9	21.7	17.6	5.0	2.9	9.7	19.4	4.0	15.4
1964	68.0	47.7	28.0	21.8	19.7	5.4	3.6	10.7	20.4	3.9	16.5
1965	74.1	52.0	27.9	21.7	24.1	....	....	....	22.1	4.0	18.0
1966	76.8	52.8	25.7	19.4	27.1	....	....	....	24.0	4.0	20.0
1967	78.5	52.9	25.6	19.0	27.3	....	....	....	25.5	3.5	22.1
1968	87.5	59.9	30.6	24.0	29.3	7.8	6.0	15.5	27.6	3.4	24.2
1969	94.3	66.3	33.2	25.9	33.1	9.4	6.8	16.9	28.0	3.3	24.6
1970	95.2	67.1	31.9	24.3	35.3	9.8	6.5	19.0	28.1	3.3	24.8
1971	110.3	80.4	43.3	35.1	37.2	11.6	5.4	20.1	29.9	4.0	25.9
1972	124.4	94.2	54.3	44.9	40.0	13.5	4.7	21.8	30.2	4.4	25.8
1973	138.4	105.9	59.7	50.1	46.2	15.5	6.2	24.5	32.5	4.9	27.6
1974	139.2	100.9	50.4	40.6	50.5	15.9	7.9	26.7	38.3	5.3	33.0
1975	135.9	95.1	46.5	34.4	48.6	12.8	8.0	27.8	40.9	6.3	34.6
1976	151.1	112.0	60.5	47.3	51.4	12.8	7.2	31.5	39.1	7.0	32.1
1977	173.8	135.7	81.0	65.7	54.7	14.8	7.7	32.2	38.2	7.3	30.9
1978	205.6	159.7	93.4	75.8	66.2	18.6	11.0	36.7	45.9	8.4	37.5
1979	230.4	181.6	99.0	78.6	82.6	24.9	15.0	42.7	48.8	8.6	40.2
1980	230.7	175.7	87.3	63.1	88.4	29.9	13.8	44.7	55.1	19.7	45.4
1981	238.2	185.2	86.6	62.7	98.7	34.2	17.0	47.4	53.0	10.0	42.9

NEW CONSTRUCTION ACTIVITY, 1929-82

[Value put in place, billions of dollars; monthly data at seasonally adjusted annual rates]

		Private construction							Public construction		
			Residential buildings[1]		Nonresidential buildings and other construction[1]						
Year or month:	Total new construction	Total	Total[2]	New housing units	Total	Commercial[3]	Industrial	Other[4]	Total	Federal	State and local[5]
1981:											
Jan	255.4	193.7	99.5	73.9	94.2	32.8	15.8	45.5	61.7	10.7	51.0
Feb	250.7	191.7	96.9	72.4	94.8	33.0	14.9	46.9	59.0	10.9	48.1
Mar	249.4	190.6	95.8	72.1	94.8	33.6	15.3	45.9	58.9	9.8	49.1
Apr	247.6	192.1	95.1	72.2	97.0	34.3	16.4	46.4	55.4	10.3	45.1
May	240.9	189.3	92.3	69.5	97.0	33.5	15.9	47.6	51.7	10.1	41.5
June	237.5	185.9	89.1	66.8	96.8	33.6	16.7	46.5	51.7	10.1	41.6
July	238.1	186.9	87.0	64.1	99.9	34.2	17.8	47.9	51.2	10.1	41.0
Aug	235.9	185.2	84.1	60.8	101.1	34.3	18.7	48.2	50.7	9.2	41.4
Sept	233.5	182.4	80.4	57.1	102.0	34.9	18.5	48.6	51.1	10.1	41.0
Oct	230.8	180.0	78.2	53.4	101.8	34.6	18.5	48.6	50.8	9.8	41.0
Nov	230.0	178.1	76.2	50.4	102.0	35.7	18.4	47.9	51.9	9.6	42.3
Dec	228.8	176.6	75.8	49.4	100.7	36.4	16.6	47.7	52.2	9.8	42.4
1982:											
Jan	225.1	175.5	73.7	51.0	101.8	36.2	17.1	48.5	49.6	9.2	40.4
Feb	222.6	173.0	69.2	49.2	103.9	36.8	17.2	49.8	49.6	9.6	40.0
Mar	224.6	173.6	70.0	51.0	103.6	38.4	16.6	48.6	51.0	10.0	41.0
Apr	226.1	175.1	72.3	49.6	102.8	38.4	15.9	48.5	51.0	9.8	41.1
May	228.7	179.9	75.5	51.0	104.5	36.8	17.1	50.6	48.8	9.6	39.2
June	231.6	182.7	75.3	49.8	107.4	38.0	18.4	50.9	48.9	9.5	39.4
July	227.6	178.7	73.4	51.5	105.3	37.5	16.4	51.4	48.9	9.9	39.0
Aug	228.1	176.6	72.1	52.3	104.5	36.1	16.7	51.7	51.4	10.2	41.2
Sept	228.1	177.0	71.5	53.1	105.6	37.1	16.6	51.8	51.1	10.5	40.6
Oct	229.1	177.7	74.1	52.3	103.6	35.7	17.1	50.9	51.3	10.4	40.9
Nov	237.2	184.4	78.4	54.2	106.0	37.1	17.2	51.7	52.8	10.6	42.2

[1] Beginning 1960, farm residential buildings included in residential buildings; prior to 1960, included in nonresidential buildings and other construction.

[2] Total includes additions and alterations and nonhousekeeping units, not shown separately.

[3] Office buildings, warehouses, stores, restaurants, garages, etc.

[4] Religious, educational, hospital and institutional, miscellaneous nonresidential, farm (see also footnote 1), public utilities, and all other private.

[5] Includes Federal grants-in-aid for State and local projects.

NEW HOUSING UNITS STARTED AND AUTHORIZED, 1959-82

[Thousands of units]

Year or month:	New housing units started						New private housing units authorized[2]			
	Private and public[1]		Private (farm and nonfarm)[1]							
				Type of structure				Type of structure		
	Total (farm and nonfarm)	Nonfarm	Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more
1959	1,553.7	1,531.3	1,517.0	1,234.0	283.0		1,208.3	938.3	77.1	192.9
1960	1,296.1	1,274.0	1,252.2	994.7	257.4		998.0	746.1	64.6	187.4
1961	1,365.0	1,336.8	1,313.0	974.3	338.7		1,064.2	722.8	67.6	273.8
1962	1,492.5	1,468.7	1,462.9	991.4	471.5		1,186.6	716.2	87.1	383.3
1963	1,634.9	1,614.8	1,603.2	1,012.4	590.8		1,334.7	750.2	118.9	465.6
1964	1,561.0	1,534.0	1,528.8	970.5	108.4	450.0	1,285.8	720.1	100.8	464.9
1965	1,509.7	1,487.5	1,472.8	963.7	86.6	422.5	1,239.8	709.9	84.8	445.1
1966	1,195.8	1,172.9	1,164.9	778.6	61.1	325.1	971.9	563.2	61.0	347.7
1967	1,321.9	1,298.8	1,291.6	843.9	71.6	376.1	1,141.0	650.6	73.0	417.5
1968	1,545.4	1,521.4	1,507.6	899.4	80.9	527.3	1,353.4	694.7	84.3	574.4
1969	1,499.5	1,482.3	1,466.8	810.6	85.0	571.2	1,323.7	625.9	85.2	612.7
1970	1,469.0	(3)	1,433.6	812.9	84.8	535.9	1,351.5	646.8	88.1	616.7
1971	2,084.5	(3)	2,052.2	1,151.0	120.3	780.9	1,924.6	906.1	132.9	885.7
1972	2,378.5	(3)	2,356.6	1,309.2	141.3	906.2	2,218.9	1,033.1	148.6	1,037.2
1973	2,057.5	(3)	2,045.3	1,132.0	118.3	795.0	1,819.5	882.1	117.0	820.5
1974	1,352.5	(3)	1,337.7	888.1	68.1	381.6	1,074.4	643.8	64.3	366.2
1975	1,171.4	(3)	1,160.4	892.2	64.0	204.3	939.2	675.5	63.9	199.8
1976	1,547.6	(3)	1,537.5	1,162.4	85.9	289.2	1,296.2	893.6	93.1	309.5
1977	2,001.7	(3)	1,987.1	1,450.9	121.7	414.4	1,690.0	1,126.1	121.3	442.7
1978	2,036.1	(3)	2,020.3	1,433.3	125.0	462.0	1,800.5	1,182.6	130.6	487.3
1979	1,760.0	(3)	1,745.1	1,194.1	122.0	429.0	1,551.8	981.5	125.4	444.8
1980	1,312.6	(3)	1,292.2	852.2	109.5	330.5	1,190.6	710.4	114.5	365.7
1981	1,100.3	(3)	1,084.2	705.4	91.1	287.7	985.5	564.3	101.8	319.4
1982^{p}	1,070.4	(3)	1,060.6	661.0	80.7	319.0	992.5	540.0	88.6	363.9

NEW HOUSING UNITS STARTED AND AUTHORIZED, 1959-82

[Thousands of units]

	New housing units started		Seasonally adjusted annual rates							
	Private and public[1]		Private (farm and nonfarm)[1]				New private housing units authorized[2]			
				Type of structure				Type of structure		
Year or month:	Total (farm and nonfarm)	Nonfarm	Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more
1981:										
Jan	85.2	(3)	1,585	974	139	472	1,236	712	139	385
Feb	72.5	(3)	1,294	835	114	345	1,196	699	115	382
Mar	108.9	(3)	1,318	863	108	347	1,172	686	113	373
Apr	124.0	(3)	1,301	868	97	336	1,186	682	123	381
May	110.6	(3)	1,172	776	105	291	1,178	659	112	407
June	107.0	(3)	1,046	705	89	252	986	573	109	304
July	101.0	(3)	1,040	696	88	256	941	543	98	300
Aug	87.3	(3)	946	614	76	256	878	505	91	282
Sept	90.9	(3)	899	623	62	214	835	456	81	298
Oct	88.2	(3)	854	507	78	269	738	400	85	253
Nov	64.9	(3)	860	554	81	225	743	413	78	252
Dec	59.7	(3)	882	550	74	258	797	454	88	255
1982:										
Jan	47.6	(3)	885	592	70	223	803	450	68	285
Feb	52.0	(3)	945	568	84	293	792	436	75	281
Mar	78.7	(3)	931	621	67	243	851	460	81	310
Apr	85.1	(3)	882	566	64	252	879	450	76	353
May	99.2	(3)	1,066	631	86	349	944	488	102	354
June	91.8	(3)	908	621	83	204	929	516	91	322
July	107.2	(3)	1,193	628	102	463	1,062	500	85	477
Aug	97.2	(3)	1,033	645	88	300	888	497	83	308
Sept	108.3	(3)	1,129	677	92	360	1,003	561	96	346
Oct	111.7	(3)	1,126	701	64	361	1,172	651	86	435
Nov	111.9	(3)	1,404	883	79	442	1,192	729	96	367
Dec p	81.7	(3)	1,222	800	86	336	1,291	732	111	448

[1] Units in structures built by private developers for sale upon completion to local public housing authorities under the Department of Housing and Urban Development "Turnkey" program are classified as private housing. Military housing starts, including those financed with mortgages insured by FHA under Section 803 of the National Housing Act, are included in publicly owned starts and excluded from total private starts.

[2] Authorized by issuance of local building permit: in 16,000 permit-issuing places beginning 1978; in 14,000 for 1972-77; in 13,000 places for 1967-71; in 12,000 places for 1963-66; and in 10,000 places prior to 1963.

[3] Not available separately beginning January 1970.

SALES AND INVENTORIES IN MANUFACTURING AND TRADE 1947-82

[Amounts in millions of dollars; monthly data seasonally adjusted]

	Total manufacturing and trade			Manufacturing			Merchant wholesalers			Retail trade		
Year or month:	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]
1947	....	....	...	15,513	25,897	1.58	....	....	...	10,200	14,241	1.26
1948	35,260	52,507	1.42	17,316	28,543	1.57	6,808	7,957	1.13	11,135	16,007	1.39
1949	33,788	49,497	1.53	16,126	26,321	1.75	6,514	7,706	1.19	11,149	15,470	1.41
1950	38,596	59,822	1.36	18,634	31,078	1.48	7,695	9,284	1.07	12,268	19,460	1.38
1951	43,356	70,242	1.55	21,714	39,306	1.66	8,597	9,886	1.16	13,046	21,050	1.64
1952	44,840	72,377	1.58	22,529	41,136	1.78	8,782	10,210	1.12	13,529	21,031	1.52
1953	47,987	76,122	1.58	24,843	43,943	1.76	9,052	10,686	1.17	14,091	21,488	1.53
1954	46,443	73,175	1.60	23,355	41,612	1.81	8,993	10,637	1.18	14,095	20,926	1.51
1955	51,694	79,516	1.47	26,480	45,069	1.62	9,893	11,678	1.13	15,321	22,769	1.43
1956	54,063	87,304	1.55	27,740	50,642	1.73	10,513	13,260	1.19	15,811	23,402	1.47
1957	55,879	89,052	1.59	28,736	51,871	1.80	10,475	12,730	1.23	16,667	24,451	1.44
1958	54,201	87,093	1.60	27,247	50,241	1.84	10,257	12,739	1.24	16,696	24,113	1.43
1959	59,729	92,129	1.50	30,286	52,945	1.70	11,491	13,879	1.15	17,951	25,305	1.40
1960	60,827	94,713	1.56	30,879	53,780	1.75	11,656	14,120	1.22	18,294	26,813	1.45
1961	61,159	95,594	1.54	30,923	54,885	1.74	11,988	14,488	1.20	18,249	26,221	1.43
1962	65,662	101,063	1.50	33,357	58,186	1.70	12,674	14,936	1.16	19,630	27,941	1.38
1963	68,995	105,480	1.49	35,058	60,046	1.69	13,382	16,048	1.15	20,556	29,386	1.39
1964	73,682	111,503	1.47	37,331	63,409	1.64	14,529	17,000	1.14	21,823	31,094	1.40
1965	80,283	120,907	1.45	40,995	68,185	1.60	15,611	18,317	1.15	23,677	34,405	1.39
1966	87,187	136,790	1.47	44,870	77,952	1.62	16,987	20,765	1.15	25,330	38,073	1.44
1967	90,348	144,796	1.56	46,487	84,664	1.76	19,448	24,833	1.24	24,413	35,299	1.43
1968	98,104	155,697	1.54	50,228	90,618	1.74	20,846	26,134	1.23	27,030	38,945	1.38
1969	105,003	169,343	1.55	53,501	98,202	1.77	22,609	28,624	1.22	28,893	42,517	1.41
1970	107,448	177,556	1.62	52,805	101,651	1.90	23,943	32,038	1.27	30,700	43,867	1.41
1971	116,017	187,766	1.58	55,906	102,658	1.83	26,257	35,045	1.27	33,853	50,063	1.41
1972	130,030	201,950	1.49	63,023	108,238	1.67	29,584	38,633	1.24	37,422	55,079	1.40
1973	153,412	233,237	1.41	72,937	124,628	1.58	38,014	45,372	1.11	42,462	63,237	1.40
1974	177,625	285,807	1.45	84,794	157,792	1.65	47,748	56,948	1.07	45,082	71,067	1.48
1975	182,230	288,375	1.57	86,595	159,934	1.84	46,623	56,697	1.21	49,012	71,744	1.44
1976	204,277	318,544	1.48	98,802	175,193	1.69	50,694	64,078	1.19	54,781	79,273	1.38
1977	229,623	351,176	1.46	113,201	189,334	1.61	55,987	72,311	1.21	60,435	89,530	1.40
1978	259,046	397,090	1.44	126,953	210,679	1.57	65,036	83,891	1.21	67,057	102,520	1.43
1979	294,573	444,132	1.43	143,935	241,034	1.57	76,109	93,870	1.18	74,529	109,228	1.44
1980	321,504	482,570	1.45	154,249	264,016	1.66	87,931	104,441	1.13	79,325	114,114	1.41
1981	350,622	519,394	1.43	166,217	283,152	1.66	97,839	110,549	1.09	86,566	125,693	1.39

SALES AND INVENTORIES IN MANUFACTURING AND TRADE 1947-82

[Amounts in millions of dollars; monthly data seasonally adjusted]

	Total manufacturing and trade			Manufacturing			Merchant wholesalers			Retail trade		
Year or month:	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]	Sales[1]	Inventories[2]	Ratio[3]
1981:												
Jan	347,858	485,396	1.40	163,902	266,798	1.63	99,852	104,233	1.04	84,104	114,365	1.36
Feb	348,653	490,291	1.41	164,676	269,146	1.63	98,776	105,027	1.06	85,201	116,118	1.36
Mar	350,281	492,399	1.41	165,936	271,062	1.63	98,217	105,189	1.07	86,128	116,148	1.35
Apr	352,855	494,177	1.40	167,649	272,060	1.62	98,944	105,149	1.06	86,263	116,968	1.36
May	353,698	497,812	1.41	168,073	274,196	1.63	99,264	105,425	1.06	86,361	118,191	1.37
June	356,524	501,531	1.41	170,951	274,616	1.61	98,274	106,904	1.09	87,299	120,010	1.37
July	355,236	504,744	1.42	170,333	276,983	1.63	97,611	105,768	1.08	87,292	121,993	1.40
Aug	354,520	510,099	1.44	169,274	279,102	1.65	97,285	107,656	1.11	87,961	123,341	1.40
Sept	353,725	515,349	1.46	168,156	282,209	1.68	97,746	108,764	1.11	87,823	124,376	1.42
Oct	346,605	518,241	1.50	163,957	284,386	1.73	96,235	108,491	1.13	86,413	125,364	1.45
Nov	344,943	521,574	1.51	161,442	285,784	1.77	96,768	110,173	1.14	86,733	125,618	1.45
Dec	341,330	519,394	1.52	159,614	283,152	1.77	95,144	110,549	1.16	86,572	125,693	1.45
1982:												
Jan	334,579	516,256	1.54	155,023	281,155	1.81	94,236	110,971	1.18	85,320	124,131	1.45
Feb	340,571	513,906	1.51	158,142	281,688	1.78	95,010	108,823	1.15	87,418	123,395	1.41
Mar	342,121	513,054	1.50	157,517	280,065	1.78	97,361	109,657	1.13	87,242	123,332	1.41
Apr	339,835	515,074	1.52	156,114	278,985	1.79	95,427	112,913	1.18	88,294	123,175	1.40
May	349,096	510,517	1.46	160,828	276,449	1.72	97,427	111,701	1.15	90,841	122,367	1.35
June	346,126	512,981	1.48	161,519	275,115	1.70	96,565	113,514	1.18	88,042	124,351	1.41
July	344,603	513,387	1.49	161,382	274,914	1.70	93,776	113,534	1.21	89,445	124,939	1.40
Aug	339,464	514,554	1.52	158,619	274,302	1.73	92,343	113,101	1.22	88,502	127,151	1.44
Sept	339,470	515,399	1.52	159,278	272,474	1.71	90,866	113,852	1.25	89,326	129,073	1.44
Oct	332,537	514,224	1.55	152,473	271,710	1.78	89,774	113,886	1.27	90,290	128,628	1.42
Nov	335,938	508,553	1.51	152,343	269,297	1.77	90,982	112,669	1.24	92,613	126,587	1.37

[1] Monthly average for year and total for month.

[2] Seasonally adjusted, end of period.

[3] Inventory/sales ratio. For annual periods, ratio of weighted average inventories to average monthly sales; for monthly data, ratio of inventories at end of month to sales for month.

Note—Earlier data are not strictly comparable with data beginning 1958 for manufacturing and beginning 1967 for wholesale and retail trade.

The inventory figures in this table do not agree with the estimates of change in business inventories included in the gross national product since these figures cover only manufacturing and trade rather than all business, and show inventories in terms of current book value without adjustment for revaluation.

MANUFACTURERS' SHIPMENTS AND INVENTORIES, 1947-82

[Millions of dollars; monthly data seasonally adjusted]

Year or month:	Shipments[1]			Inventories[2]								
					Durable goods industries				Nondurable goods industries			
	Total	Durable goods industries	Nondurable goods industries	Total	Total	Materials and supplies	Work in process	Finished goods	Total	Materials and supplies	Work in process	Finished goods
1947	15,513	6,694	8,819	25,897	13,061	....	....	....	12,836	....	....	....
1948	17,316	7,579	9,738	28,543	14,662	....	....	....	13,881	....	....	....
1949	16,126	7,191	8,935	26,321	13,060	....	....	....	13,261	....	....	....
1950	18,634	8,845	9,789	31,078	15,539	....	....	....	15,539	....	....	....
1951	21,714	10,493	11,221	39,306	20,991	....	....	....	18,315	....	....	....
1952	22,529	11,313	11,216	41,136	23,731	....	....	....	17,405	....	....	....
1953	24,843	13,349	11,494	43,948	25,878	8,966	10,720	6,206	18,070	8,317	2,472	7,409
1954	23,355	11,828	11,527	41,612	23,710	7,894	9,721	6,040	17,902	8,167	2,440	7,415
1955	26,480	14,071	12,409	45,069	26,405	9,194	10,756	6,348	18,664	8,556	2,571	7,666
1956	27,740	14,715	13,025	50,642	30,447	10,417	12,317	7,565	20,195	8,971	2,721	8,622
1957	28,736	15,237	13,499	51,871	31,728	10,608	12,837	8,125	20,143	8,775	2,864	8,624
1958	27,247	13,563	13,684	50,241	30,258	10,032	12,387	7,839	19,983	8,662	2,828	8,491
1959	30,286	15,609	14,677	52,945	32,077	10,776	13,063	8,239	20,868	9,080	2,944	8,845
1960	30,879	15,883	14,996	53,780	32,371	10,353	12,772	9,245	21,409	9,082	2,946	9,380
1961	30,923	15,616	15,307	54,885	32,544	10,279	13,203	9,063	22,341	9,493	3,110	9,738
1962	33,357	17,262	16,095	58,186	34,632	10,810	14,159	9,662	23,554	9,813	3,296	10,444
1963	35,058	18,280	16,778	60,046	35,866	11,068	14,871	9,925	24,180	9,978	3,406	10,796
1964	37,331	19,637	17,694	63,409	38,506	11,970	16,191	10,344	24,903	10,131	3,511	11,261
1965	40,995	22,221	18,774	68,185	42,257	13,325	18,075	10,854	25,928	10,448	3,806	11,674
1966	44,870	24,649	20,220	77,952	49,920	15,489	21,939	12,491	28,032	11,155	4,204	12,673
1967	46,487	25,267	21,220	84,664	55,005	16,455	25,005	13,547	29,659	11,715	4,421	13,523
1968	50,228	27,659	22,570	90,618	58,875	17,376	27,336	14,163	31,743	12,289	4,848	14,606
1969	53,501	29,437	24,064	98,202	64,739	18,693	30,408	15,639	33,463	12,724	5,122	15,617
1970	52,805	28,188	24,617	101,651	66,780	19,182	29,848	17,751	34,871	13,150	5,274	16,448
1971	55,906	29,954	25,952	102,658	66,289	19,759	28,650	17,880	36,368	13,683	5,665	17,019
1972	63,023	34,024	29,000	108,238	70,250	20,860	30,788	18,601	37,988	14,676	5,982	17,330
1973	72,937	39,686	33,250	124,628	81,398	26,028	35,545	19,823	43,230	18,132	6,707	18,391
1974	84,794	44,228	40,567	157,792	101,739	35,151	42,603	23,985	56,053	23,699	8,175	24,179
1975	86,595	43,656	42,939	159,934	102,874	33,920	43,369	25,586	57,060	23,542	8,837	24,681
1976	98,802	50,689	48,113	175,193	112,581	37,548	46,345	28,690	62,612	25,833	9,933	26,846
1977	113,201	59,267	53,934	189,334	121,737	40,350	50,625	30,763	67,598	27,397	10,989	29,212
1978	126,953	67,848	59,104	210,679	138,045	45,334	58,694	34,018	72,634	29,354	11,913	31,367
1979	143,935	76,060	67,875	241,034	160,601	52,805	69,212	38,585	80,433	32,479	13,710	34,244
1980	154,249	77,540	76,708	264,016	174,674	55,310	76,851	42,513	89,341	36,208	15,656	37,478
1981	166,217	83,417	82,800	283,152	188,429	58,461	82,814	47,153	94,723	38,015	16,196	40,511

MANUFACTURERS' SHIPMENTS AND INVENTORIES, 1947-82

[Millions of dollars; monthly data seasonally adjusted]

Year or month:	Shipments[1]			Inventories[2]								
					Durable goods industries				Nondurable goods industries			
	Total	Durable goods industries	Nondurable goods industries	Total	Total	Materials and supplies	Work in process	Finished goods	Total	Materials and supplies	Work in process	Finished goods
1981:												
Jan	163,902	81,436	82,466	266,798	176,632	56,409	78,337	41,887	90,166	36,820	15,818	37,528
Feb	164,676	82,176	82,500	269,146	177,725	56,754	78,662	42,309	91,421	37,050	16,126	38,245
Mar	165,936	83,510	82,426	271,062	178,374	56,382	79,159	42,835	92,688	36,974	16,194	39,521
Apr	167,649	84,784	82,864	272,060	179,301	56,757	79,733	42,812	92,759	37,206	16,263	39,290
May	168,073	85,439	82,634	274,196	180,010	56,394	80,435	43,180	94,186	37,305	16,509	40,372
June	170,951	86,891	84,060	274,616	181,125	57,017	80,362	43,744	93,492	37,074	16,161	40,257
July	170,333	85,739	84,594	276,983	183,229	58,016	81,041	44,172	93,754	37,531	16,174	40,048
Aug	169,274	85,223	84,051	279,102	185,022	58,121	81,635	45,266	94,080	37,447	16,251	40,382
Sept	168,156	84,671	83,485	282,209	187,686	58,908	82,621	46,158	94,523	37,606	16,213	40,705
Oct	163,957	81,265	82,692	284,386	189,461	59,117	83,588	46,756	94,925	37,720	15,912	41,293
Nov	161,442	80,279	81,163	285,784	190,222	59,216	84,058	46,946	95,561	37,834	16,174	41,555
Dec	159,614	79,133	80,481	283,152	188,429	58,461	82,814	47,153	94,723	38,015	16,196	40,511
1982:												
Jan	155,023	75,551	79,472	281,155	187,054	58,184	82,211	46,659	94,100	37,961	15,959	40,179
Feb	158,142	77,976	80,167	281,688	187,121	57,999	82,097	47,026	94,567	37,899	15,792	40,877
Mar	157,517	78,124	79,394	280,065	186,063	56,897	81,729	47,435	94,002	37,317	15,629	41,057
Apr	156,114	77,136	78,978	278,985	185,916	56,947	81,562	47,408	93,070	37,486	15,601	39,983
May	160,828	79,518	81,310	276,449	184,870	55,996	81,284	47,590	91,579	37,172	15,438	38,969
June	161,519	78,888	82,631	275,115	184,289	55,643	81,304	47,342	90,826	36,714	15,555	38,557
July	161,382	79,036	82,346	274,914	183,798	55,781	80,216	47,801	91,116	36,789	15,519	38,808
Aug	158,619	77,248	81,371	274,302	183,550	55,191	80,458	47,901	90,752	36,448	15,529	38,775
Sept	159,278	76,562	82,716	272,474	182,793	54,703	80,379	47,711	89,681	35,800	15,192	38,689
Oct	152,473	72,342	80,131	271,710	181,843	54,279	80,567	46,997	89,867	35,637	14,857	39,373
Nov	152,343	72,708	79,635	269,297	179,324	53,624	79,995	45,705	89,973	35,814	14,793	39,366

[1] Monthly average for year and total for month.

[2] Book value, seasonally adjusted, end of period.

Note—Date beginning 1958 are not strictly comparable with earlier data.

MANUFACTURERS' NEW AND UNFILLED ORDERS, 1947-82

[Amounts in millions of dollars; monthly data seasonally adjusted]

	New orders[1]				Unfilled orders[2]			Unfilled orders—shipments ratio[3]		
		Durable goods industries								
Year or month:	Total	Total	Capital goods industries non-defense	Non-durable goods industries	Total	Durable goods industries	Non-durable goods industries	Total	Durable goods industries	Non-durable goods industries
1947	15,256	6,388	....	8,868	34,473	28,579	5,894	....	....	....
1948	17,693	8,126	....	9,566	30,736	26,619	4,117	....	....	....
1949	15,614	6,633	....	8,981	24,045	19,622	4,423	....	....	....
1950	20,110	10,165	....	9,945	41,456	35,435	6,021	....	....	....
1951	23,907	12,841	....	11,066	67,266	63,394	3,872	....	....	....
1952	23,204	12,061	....	11,143	75,857	72,680	3,177	....	....	....
1953	23,586	12,147	....	11,439	61,178	58,637	2,541	....	....	....
1954	22,335	10,768	....	11,566	48,266	45,250	3,016	3.42	4.12	.96
1955	27,465	14,996	....	12,469	60,004	56,241	3,763	3.63	4.27	1.12
1956	28,368	15,365	....	13,003	67,375	63,880	3,495	3.87	4.55	1.04
1957	27,559	14,111	....	13,448	53,183	50,352	2,831	3.35	4.00	.85
1958	27,002	13,290	....	13,712	47,370	44,559	2,811	3.09	3.69	.86
1959	30,724	16,003	....	14,720	52,732	49,373	3,359	3.01	3.54	.94
1960	30,235	15,303	....	14,932	45,080	42,514	2,566	2.78	3.37	.72
1961	31,104	15,759	....	15,345	47,407	44,375	3,032	2.63	3.13	.79
1962	33,436	17,374	....	16,061	48,577	45,965	2,612	2.69	3.24	.68
1963	35,524	18,709	....	16,815	54,327	51,270	3,057	2.80	3.37	.73
1964	38,357	20,652	....	17,705	66,882	63,691	3,191	3.10	3.72	.72
1965	42,100	23,278	....	18,823	80,071	76,298	3,773	3.33	3.95	.80
1966	46,402	26,177	....	20,225	98,401	94,575	3,826	3.81	4.55	.76
1967	47,056	25,825	....	21,231	104,547	100,576	3,971	3.70	4.40	.73
1968	50,687	28,116	6,903	22,571	109,926	105,950	3,976	3.85	4.65	.69
1969	53,950	29,871	7,660	24,079	115,422	111,250	4,172	3.75	4.50	.69
1970	52,038	27,388	6,738	24,650	106,158	101,566	4,592	3.65	4.39	.77
1971	55,983	29,998	7,444	25,986	107,147	102,119	5,027	3.38	4.06	.77
1972	64,167	35,064	8,622	29,104	121,061	114,725	6,336	3.31	3.90	.88
1973	76,259	42,930	10,971	33,330	161,256	153,876	7,380	3.91	4.63	.93
1974	87,268	46,853	12,673	40,415	191,102	185,560	5,542	4.19	5.03	.64
1975	85,149	42,019	11,011	43,130	173,829	165,930	7,898	3.80	4.57	.84
1976	99,543	51,398	12,799	48,145	182,499	174,211	8,288	3.34	3.99	.76
1977	115,027	61,076	15,276	53,951	204,880	196,417	8,463	3.30	3.92	.70
1978	131,664	72,410	19,444	59,254	261,941	251,663	10,278	3.62	4.26	.78
1979	147,354	79,394	23,203	67,960	303,178	291,883	11,295	3.89	4.63	.76

MANUFACTURERS' NEW AND UNFILLED ORDERS, 1947-82

[Amounts in millions of dollars; monthly data seasonally adjusted]

	New orders[1]				Unfilled orders[2]			Unfilled orders—shipments ratio[3]		
		Durable goods industries								
Year or month:	Total	Total	Capital goods industries non-defense	Non-durable goods industries	Total	Durable goods industries	Non-durable goods industries	Total	Durable goods industries	Non-durable goods industries
1980	155,738	79,060	23,449	76,678	320,977	310,051	10,926	3.79	4.53	.67
1981	166,015	83,272	24,061	82,743	318,621	308,370	10,251	3.77	4.59	.59
1981:										
Jan.	164,976	82,528	25,063	82,447	322,053	311,146	10,907	3.80	4.56	.66
Feb.	165,375	82,699	21,857	82,677	322,749	311,666	11,084	3.77	4.53	.66
Mar.	166,240	83,862	24,456	82,378	323,054	312,018	11,036	3.71	4.45	.65
Apr.	169,422	86,410	25,687	83,013	324,826	313,642	11,184	3.70	4.44	.65
May	170,281	87,396	24,488	82,885	327,033	315,597	11,436	3.70	4.43	.67
June	171,022	86,911	24,039	84,111	327,105	315,618	11,487	3.66	4.37	.67
July	172,089	87,582	24,655	84,507	328,861	317,462	11,399	3.68	4.42	.65
Aug.	168,797	84,819	24,867	83,979	328,384	317,057	11,327	3.68	4.42	.65
Sept.	167,728	84,456	24,312	83,272	327,955	316,841	11,114	3.70	4.46	.63
Oct.	159,558	77,193	22,528	82,365	323,556	312,769	10,787	3.76	4.55	.62
Nov.	159,460	78,592	24,369	80,868	321,574	311,082	10,492	3.76	4.56	.60
Dec.	156,660	76,421	22,130	80,239	318,621	308,370	10,251	3.77	4.59	.59
1982:										
Jan.	154,519	75,061	21,717	79,458	318,114	307,877	10,237	3.90	4.76	.60
Feb.	155,984	76,309	21,560	79,676	315,957	306,211	9,746	3.78	4.62	.56
Mar.	157,198	77,859	22,174	79,339	315,639	305,947	9,692	3.76	4.61	.55
Apr.	154,995	76,194	22,608	78,803	314,521	305,004	9,518	3.86	4.71	.57
May	156,791	75,710	20,332		310,482	301,194	9,288	3.71	4.52	.55
June	157,058	74,550	19,278	82,508	306,032	296,866	9,166	3.69	4.51	.54
July	158,588	76,446	20,322	82,142	303,235	294,272	8,963	3.67	4.49	.53
Aug.	154,380	72,982	18,893	81,398	299,001	290,011	8,990	3.69	4.55	.52
Sept.	156,166	73,266	20,273	82,900	295,883	286,706	9,177	3.63	4.46	.54
Oct.	149,696	69,598	20,183	80,098	293,107	283,960	9,147	3.77	4.66	.54
Nov.	150,362	70,607	20,173	79,755	291,128	281,861	9,267	3.72	4.61	.54

[1] Monthly average for year and total for month.

[2] Seasonally adjusted, end of period.

[3] Ratio of unfilled orders at end of period to shipments for period; excludes industries with no unfilled orders. Annual figures relate to seasonally adjusted data for December.

Note—Data beginning 1958 are not strictly comparable with earlier data.

CONSUMER PRICE INDEXES, MAJOR EXPENDITURE CLASSES, 1929-82

[1967 = 100]

Year or month	All items	Food and beverages		Housing				Apparel and upkeep	Transportation	Medical care	Entertainment	Other goods and services	Energy[4]
		Total[1]	Food	Total[2]	Rent, residential	Home ownership	Fuel and other utilities[3]						
1929	51.3	....	48.3	....	76.0	....	....	48.5	....	....	....	....	....
1933	38.8	....	30.6	....	54.1	....	....	36.9	....	....	....	....	....
1939	41.6	....	34.6	52.2	56.0	....	....	42.2	43.0	36.7	....	....	....
1940	42.0	....	35.2	52.4	56.2	....	....	42.8	42.7	36.8	....	....	....
1941	44.1	....	38.4	53.7	57.2	....	....	44.8	44.2	37.0	....	....	....
1942	48.8	....	45.1	56.2	58.5	....	....	52.3	48.1	38.0	....	....	....
1943	51.8	....	50.3	56.8	58.5	....	....	54.6	47.9	39.9	....	....	....
1944	52.7	....	49.6	58.1	58.6	....	....	58.5	47.9	41.1	....	....	....
1945	53.9	....	50.7	59.1	58.8	....	....	61.5	47.8	42.1	....	....	....
1946	58.5	....	58.1	60.6	59.2	....	....	67.5	50.3	44.4	....	....	....
1947	66.9	....	70.6	65.2	61.1	....	....	78.2	55.5	48.1	....	....	....
1948	72.1	....	76.6	69.8	65.1	....	....	83.3	61.8	51.1	....	....	....
1949	71.4	....	73.5	70.9	68.0	....	....	80.1	66.4	52.7	....	....	....
1950	72.1	....	74.5	72.8	70.4	....	....	79.0	68.2	53.7	....	....	....
1951	77.8	....	82.8	77.2	73.2	....	....	86.1	72.5	56.3	....	....	....
1952	79.5	....	84.3	78.7	76.2	....	....	85.3	77.3	59.3	....	....	....
1953	80.1	....	83.0	80.8	80.3	75.0	83.0	84.6	79.5	61.4	....	....	....
1954	80.5	....	82.8	81.7	83.2	76.3	83.5	84.5	78.3	63.4	....	....	....
1955	80.2	....	81.6	82.3	84.3	77.0	85.1	84.1	77.4	64.8	....	....	....
1956	81.4	....	82.2	83.6	85.9	78.3	87.3	85.8	78.8	67.2	....	....	....
1957	84.3	....	84.9	86.2	87.5	81.7	89.9	87.3	83.3	69.9	....	....	....
1958	86.6	....	88.5	87.7	89.1	83.5	91.7	87.5	86.0	73.2	....	....	90.1
1959	87.3	....	87.1	88.6	90.4	84.4	93.8	88.2	89.6	76.4	....	....	90.3

CONSUMER PRICE INDEXES, MAJOR EXPENDITURE CLASSES, 1929-82

[1967 = 100]

Year or month	All items	Food and beverages		Housing				Apparel and upkeep	Transportation	Medical care	Entertainment	Other goods and services	Energy[4]
		Total[1]	Food	Total[2]	Rent, residential	Home ownership	Fuel and other utilities[3]						
1960	88.7	. . . .	88.0	90.2	91.7	86.3	95.9	89.6	89.6	79.1	. . . .	. . . .	94.2
1961	89.6	. . . .	89.1	90.9	92.9	86.9	97.1	90.4	90.6	81.4	. . . .	. . . .	94.4
1962	90.6	. . . .	89.9	91.7	94.0	87.9	97.3	90.9	92.5	83.5	. . . .	. . . .	94.7
1963	91.7	. . . .	91.2	92.7	95.0	89.0	98.2	91.9	93.0	85.6	. . . .	. . . .	95.0
1964	92.9	. . . .	92.4	93.8	95.9	90.8	98.4	92.7	94.3	87.3	. . . .	. . . .	94.6
1965	94.5	. . . .	94.4	94.9	96.9	92.7	98.3	93.7	95.9	89.5	. . . .	. . . .	96.3
1966	97.2	. . . .	99.1	97.2	98.2	96.3	98.8	96.1	97.2	93.4	. . . .	. . . .	97.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	103.6	104.0	102.4	105.7	101.3	105.4	103.2	106.1	105.7	105.2	101.5
1969	109.8	108.8	108.9	110.4	105.7	116.0	103.6	111.5	107.2	113.4	111.0	110.4	104.2
1970	116.3	114.7	114.9	118.2	110.1	128.5	107.6	116.1	112.7	120.6	116.7	116.8	107.0
1971	121.3	118.3	118.4	123.4	115.2	133.7	115.0	119.8	118.6	128.4	122.9	122.4	111.2
1972	125.3	123.2	123.5	128.1	119.2	140.1	120.1	122.3	119.9	132.5	126.5	127.5	114.3
1973	133.1	139.5	141.4	133.7	124.3	146.7	126.9	126.8	123.8	137.7	130.0	132.5	123.5
1974	147.7	158.7	161.7	148.8	130.6	163.2	150.2	136.2	137.7	150.5	139.8	142.0	159.7
1975	161.2	172.1	175.4	164.5	137.3	181.7	167.8	142.3	150.6	168.6	152.2	153.9	176.6
1976	170.5	177.4	180.8	174.6	144.7	191.7	182.7	147.6	165.5	184.7	159.8	162.7	189.3
1977	181.5	188.0	192.2	186.5	153.5	204.9	202.2	154.2	177.2	202.4	167.7	172.2	207.3
1978	195.4	206.3	211.4	202.8	164.0	227.2	216.0	159.6	185.5	219.4	176.6	183.3	220.4
1979	217.4	228.5	234.5	227.6	176.0	262.4	239.3	166.6	212.0	239.7	188.5	196.7	275.9

[1] Includes alcoholic beverages, not shown separately.

[2] Includes other items not shown separately. Series beginning 1967 not comparable with series for earlier years.

[3] Fuel oil, coal, and bottled gas; gas (piped) and electricity; and other utilities and public services.

[4] Fuel oil, coal, and bottled gas; gas (piped) and electricity; and motor fuel, motor oil, coolant, etc.

Note.—Data beginning 1978 are for all urban consumers; earlier data are for urban wage earners and clerical workers.

CONSUMER PRICE INDEXES, MAJOR EXPENDITURE CLASSES, 1929-82

[1967 = 100]

Year or month	All items	Food and beverages		Housing				Apparel and upkeep	Transportation	Medical care	Entertainment	Other goods and services	Energy[4]
		Total[1]	Food	Total[2]	Rent, residential	Home ownership	Fuel and other utilities[3]						
1980	246.8	248.0	254.6	263.3	191.6	314.0	278.6	178.4	249.7	265.9	205.3	214.5	361.1
1981	272.4	267.3	274.6	293.5	208.2	352.7	319.2	186.9	280.0	294.5	221.4	235.7	410.0
1982	289.1	278.2	285.7	314.7	224.0	376.8	350.8	191.8	291.5	328.7	235.8	259.9	416.1
1981:													
Jan	260.5	261.4	268.6	279.1	200.9	335.8	296.7	181.1	264.7	279.5	214.4	226.2	381.7
Feb	263.2	263.7	270.8	280.9	201.9	335.8	304.5	182.0	270.9	282.6	216.7	227.4	401.1
Mar	265.1	265.0	272.2	282.6	203.0	336.8	308.4	185.1	273.5	284.7	218.2	228.7	409.3
Apr	266.8	265.7	272.9	284.8	204.2	339.3	310.5	186.4	275.3	287.0	219.2	229.9	409.8
May	269.0	265.4	272.5	288.5	205.9	345.0	314.9	186.4	277.8	289.0	220.3	232.2	411.3
June	271.3	266.5	273.6	292.2	206.8	350.4	320.2	185.8	279.9	291.5	220.8	233.4	414.0
July	274.4	268.9	276.2	297.0	207.8	358.0	325.1	184.7	282.6	295.6	221.1	234.4	415.7
Aug	276.5	270.1	277.4	299.7	210.3	361.8	327.8	187.4	283.7	299.3	222.3	235.6	416.1
Sept	279.3	270.7	278.0	303.7	211.9	367.8	331.1	190.7	285.2	301.7	224.0	243.0	417.1
Oct	279.9	270.3	277.6	303.5	213.6	366.7	330.1	191.5	287.2	304.8	225.5	245.2	414.9
Nov	280.7	269.9	277.1	304.2	215.0	367.2	329.8	191.3	289.1	308.2	226.8	245.9	414.1
Dec	281.5	270.5	277.8	305.2	216.5	367.8	331.8	190.5	289.8	310.2	227.3	246.7	414.6
1982:													
Jan	282.5	273.6	281.0	306.1	217.8	367.5	336.2	187.3	289.9	313.4	229.2	248.4	416.4
Feb	283.4	275.8	283.3	307.3	218.6	368.7	337.1	188.0	288.0	316.2	231.2	250.3	413.0
Mar	283.1	275.6	283.0	306.7	219.6	365.7	339.3	191.1	285.1	318.8	232.8	252.2	406.1
Apr	284.3	276.5	283.9	309.4	220.1	370.6	339.2	191.9	282.9	321.7	233.9	253.8	395.7
May	287.1	278.1	285.5	313.8	221.8	377.4	345.2	191.5	285.6	323.8	234.4	255.0	402.1
June	290.6	280.2	287.8	317.5	222.6	382.8	352.2	190.8	292.8	326.4	235.6	255.8	418.6
July	292.2	280.8	288.5	319.2	224.8	384.5	354.7	189.7	296.1	330.0	236.6	257.2	424.5
Aug	292.8	279.9	287.4	320.1	226.0	385.9	356.3	191.8	296.2	333.3	237.4	258.3	424.5
Sept	293.3	280.1	287.6	319.7	226.9	383.0	359.5	194.9	295.3	336.0	238.3	266.6	424.2
Oct	294.1	279.6	287.0	320.7	228.9	382.8	363.4	195.5	295.5	338.7	240.3	271.2	425.0
Nov	293.6	279.1	286.4	319.0	230.2	379.5	362.2	195.4	295.8	342.2	239.9	273.8	422.6
Dec	292.4	279.1	286.5	316.3	230.8	372.9	364.1	193.6	294.8	344.3	240.1	276.6	419.9

[1] Includes alcoholic beverages, not shown separately.

[2] Includes other items not shown separately. Series beginning 1967 not comparable with series for earlier years.

[3] Fuel oil, coal, and bottled gas; gas (piped) and electricity; and other utilities and public services.

[4] Fuel oil, coal, and bottled gas; gas (piped) and electricity; and motor fuel, motor oil, coolant, etc.

Note.—Data beginning 1978 are for all urban consumers; earlier data are for urban wage earners and clerical workers.

PRODUCER PRICE INDEXES BY STAGE OF PROCESSING, 1947-82
[1967 = 100]

	Finished goods									
		Consumer foods			Finished goods excluding consumer foods					
						Consumer goods				
Year or month:	Total finished goods	Total	Crude	Processed	Total	Total	Durable	Nondurable	Capital equipment	Total finished consumer goods
1947	74.0	82.8	99.4	80.2	. . . .	79.0	74.6	80.7	55.4	80.5
1948	79.9	90.4	107.1	87.6	. . . .	84.0	79.7	85.8	60.4	86.5
1949	77.6	83.1	101.3	80.1	. . . .	82.2	81.8	82.3	63.4	82.5
1950	79.0	84.7	92.2	83.4	. . . .	83.5	82.7	83.6	64.9	83.9
1951	86.5	95.2	105.9	93.2	. . . .	89.5	88.2	90.0	71.2	91.8
1952	86.0	94.3	112.8	91.3	. . . .	88.3	88.9	87.8	72.4	90.7
1953	85.1	89.4	105.2	86.7	. . . .	89.1	89.6	88.6	73.6	89.2
1954	85.3	88.7	94.7	87.6	. . . .	89.4	90.3	88.9	74.5	89.1
1955	85.5	86.5	98.8	84.4	. . . .	90.1	91.2	89.4	76.7	88.5
1956	87.9	86.3	98.7	84.3	. . . .	92.3	94.3	91.1	82.4	89.8
1957	91.1	89.3	97.4	87.9	. . . .	94.6	97.1	93.2	87.5	92.4
1958	93.2	94.5	103.5	93.1	. . . .	94.7	98.4	92.6	89.8	94.4
1959	93.0	90.1	94.3	89.5	. . . .	95.9	99.6	94.0	91.5	93.6
1960	93.7	92.1	100.6	90.7	. . . .	96.3	99.2	94.7	91.7	94.5
1961	93.7	91.7	96.1	90.9	. . . .	96.2	98.8	94.7	91.8	94.3
1962	94.0	92.5	97.0	91.7	. . . .	96.0	98.3	94.8	92.2	94.6
1963	93.7	91.4	95.5	90.7	. . . .	96.0	97.8	95.1	92.4	94.1
1964	94.1	91.9	98.2	90.8	. . . .	95.9	98.2	94.8	93.3	94.3
1965	95.7	95.4	98.6	94.9	. . . .	96.6	97.9	95.9	94.4	96.1
1966	98.8	101.6	104.8	101.0	. . . .	98.1	98.5	97.8	96.8	99.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.8	103.6	107.5	103.0	102.6	102.1	102.2	102.2	103.5	102.7
1969	106.6	110.0	116.0	108.9	105.4	104.6	104.0	105.0	106.9	106.6
1970	110.3	113.5	116.3	113.1	109.1	107.7	106.9	108.3	112.0	109.9
1971	113.7	115.3	115.8	115.1	113.1	111.4	110.8	111.7	116.6	112.9
1972	117.2	121.7	121.2	121.7	115.4	113.5	113.3	113.6	119.5	116.6
1973	127.9	146.4	160.7	143.9	120.1	118.6	115.4	120.5	123.5	129.2
1974	147.5	166.9	180.8	164.6	139.3	138.6	125.9	146.8	141.0	149.3

PRODUCER PRICE INDEXES BY STAGE OF PROCESSING, 1947-82

[1967=100]

	Finished goods									
		Consumer foods			Finished goods excluding consumer foods					
						Consumer goods				
Year or month:	Total finished goods	Total	Crude	Processed	Total	Total	Durable	Nondurable	Capital equipment	Total finished consumer goods
1975	163.4	181.0	181.2	181.3	156.2	153.1	138.2	163.0	162.5	163.6
1976	170.6	180.4	193.9	177.8	166.1	162.6	144.5	174.8	173.4	169.7
1977	181.7	189.9	201.0	187.3	177.7	174.3	152.8	189.3	184.6	180.7
1978	195.9	207.2	216.8	204.6	190.7	186.7	166.9	200.0	199.2	194.9
1979	217.7	226.2	233.1	223.8	213.3	211.5	183.2	231.3	216.5	217.9
1980	247.0	239.5	237.2	237.8	247.8	250.8	206.2	283.9	239.8	248.9
1981	269.8	253.6	263.8	250.6	273.3	276.5	218.6	319.6	264.3	271.3
1982[1]	280.6	259.3	252.5	257.7	285.7	287.8	226.7	333.5	279.6	280.9
1981:										
Jan	260.9	251.0	257.9	248.4	262.4	265.1	214.9	302.7	254.6	262.5
Feb	263.3	251.3	265.6	247.9	265.5	268.5	215.1	308.4	256.7	265.0
Mar	266.0	252.6	279.7	248.1	268.7	272.5	214.0	316.0	258.1	268.2
Apr	268.5	251.9	279.3	247.4	272.1	276.1	216.6	320.4	260.8	270.6
May	269.6	252.8	263.1	249.8	273.3	277.0	218.1	321.0	262.5	271.5
June	270.5	253.8	258.9	251.3	274.1	277.7	218.2	322.0	263.8	272.3
July	271.8	257.6	262.7	255.0	274.7	277.9	218.1	322.5	265.4	273.5
Aug	271.5	256.3	256.9	254.2	274.6	277.7	218.3	322.1	265.8	273.0
Sept	271.5	256.2	253.5	254.4	274.7	277.9	215.8	324.2	265.3	273.1
Oct	274.3	254.0	253.8	252.0	279.1	281.6	224.5	324.3	271.5	275.1
Nov	274.7	252.7	260.0	249.9	280.0	282.4	224.7	325.4	273.0	275.2
Dec	275.4	252.9	273.9	249.0	280.9	283.2	225.4	326.3	274.1	275.8
1982:[1]										
Jan	277.9	256.4	280.6	252.1	283.0	285.2	226.2	329.3	276.2	278.3
Feb	277.9	258.2	282.5	254.0	282.4	284.9	224.0	330.3	275.0	278.6
Mar	277.3	257.1	263.3	254.5	281.9	284.0	223.9	328.8	275.8	277.7
Apr	277.3	260.0	266.6	257.3	281.1	282.3	224.1	325.7	277.2	277.3
May	277.8	262.3	259.9	260.3	281.0	281.8	225.0	324.3	278.1	277.7
June	279.9	263.4	254.7	262.0	283.4	284.8	225.9	328.7	279.2	280.1
July	281.7	260.6	241.0	260.2	286.7	288.8	226.7	335.3	280.2	282.1
Aug	282.3	259.7	239.2	259.4	287.9	290.2	227.5	337.2	280.7	282.8
Sept	281.4	259.9	227.8	260.6	286.6	289.1	223.2	338.4	279.5	282.0
Oct	284.1	257.8	232.0	258.0	290.8	293.3	231.1	339.7	283.8	284.2
Nov	284.9	257.6	235.6	257.4	291.9	294.6	230.8	342.4	284.0	285.2
Dec	285.1	258.2	247.2	257.1	292.0	294.3	231.5	341.4	285.1	285.1

PRODUCER PRICE INDEXES BY STAGE OF PROCESSING, 1947-82

[1967 = 100]

	Intermediate materials, supplies, and components								Crude materials for further processing				
				Materials and components							Other		
Year or month:	Total	Foods and feeds[2]	Other	For manufacturing	For construction	Processed fuels and lubricants	Containers	Supplies	Total	Foodstuffs and feedstuffs	Total	Fuel	Other
1947	72.4	....	70.0	72.1	66.0	85.5	66.8	77.5	101.2	111.7	....	66.6	90.6
1948	78.3	....	76.1	77.8	73.1	96.9	69.8	81.0	110.9	120.8	....	78.7	100.7
1949	75.2	....	74.2	74.5	73.2	88.2	70.1	76.3	96.0	100.3	....	78.3	91.6
1950	78.6	....	77.7	78.1	77.0	89.9	72.0	78.9	104.6	107.6	....	77.9	104.7
1951	88.1	....	87.0	88.5	84.3	93.9	84.5	88.8	120.1	124.5	....	79.4	120.7
1952	85.5	....	84.3	84.8	83.7	92.8	79.9	88.8	110.3	117.2	....	79.9	104.6
1953	86.0	....	85.3	86.2	85.1	93.4	80.0	84.3	101.9	104.9	....	82.7	100.1
1954	86.5	....	85.7	86.3	85.5	93.3	81.5	86.3	101.0	104.9	....	79.0	98.2
1955	88.1	....	88.3	88.4	88.9	93.3	82.6	84.8	97.1	95.1	....	78.8	103.8
1956	92.0	....	92.6	92.6	93.5	96.2	88.6	87.1	97.6	93.1	....	84.4	107.6
1957	94.1	....	95.0	94.8	94.0	101.9	92.5	88.0	98.8	97.2	....	89.2	106.2
1958	94.3	....	94.8	95.2	94.0	96.0	94.7	90.0	102.0	103.0	....	90.3	102.2
1959	95.6	....	96.4	96.5	96.6	95.6	94.2	91.2	99.4	96.2	....	91.9	105.8
1960	95.6	....	96.8	96.5	95.9	98.2	95.5	90.7	97.0	95.1	....	92.8	101.4
1961	95.0	....	95.5	95.3	94.6	99.4	94.7	91.8	96.5	93.8	....	92.6	102.5
1962	94.9	....	95.3	94.7	94.2	99.0	95.9	93.8	97.5	95.7	....	92.1	102.0
1963	95.2	....	95.0	94.9	94.5	98.1	94.7	95.2	95.4	92.9	....	93.2	100.7
1964	95.5	....	95.6	95.9	95.4	96.0	94.0	94.3	94.5	90.8	....	92.8	102.4
1965	96.8	....	96.9	97.4	96.2	97.4	95.8	95.2	99.3	97.1	....	93.5	104.5
1966	99.2	....	98.9	99.3	98.8	99.2	98.4	99.4	105.7	105.9	....	96.3	106.7
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.3	99.4	102.5	102.2	105.0	97.6	102.4	101.0	101.6	101.3	102.2	102.3	102.1
1969	105.8	102.7	106.1	105.8	110.8	98.5	106.3	102.8	108.4	109.3	106.8	106.6	106.9
1970	109.9	109.1	109.9	110.0	112.6	105.0	111.4	108.0	112.3	112.0	112.7	122.6	109.8
1971	114.1	111.7	114.3	112.8	119.7	115.2	116.6	111.0	115.1	114.2	117.0	139.0	110.7
1972	118.7	118.5	118.9	117.0	126.2	118.9	121.9	115.6	127.6	127.5	128.0	148.7	121.9
1973	131.6	168.4	128.1	127.7	136.7	131.5	129.2	140.6	174.0	180.0	162.5	164.5	161.5
1974	162.9	200.2	159.5	162.2	161.6	199.1	152.2	154.5	196.1	189.4	208.9	219.4	205.4
1975	180.0	195.3	178.6	178.7	176.4	233.0	171.4	168.1	196.9	191.8	206.9	271.5	188.3
1976	189.1	185.3	189.4	185.4	188.4	250.1	180.2	179.0	207.7	190.2	228.5	305.3	206.7
1977	201.5	190.5	202.3	195.4	203.4	282.5	188.3	188.7	209.2	192.1	245.0	372.1	212.2
1978	215.6	203.1	216.5	208.7	224.7	295.3	202.8	198.5	234.4	216.2	272.3	426.8	213.1
1979	243.2	226.1	244.4	234.4	247.4	364.8	226.8	218.2	274.3	247.9	330.0	507.6	284.5
1980	280.3	252.6	282.3	265.7	268.3	503.0	254.5	244.5	304.6	259.2	401.0	615.0	346.1
1981	306.0	250.3	310.1	286.1	287.6	595.4	276.1	263.8	329.0	257.4	482.3	751.2	413.7
1982[1]	310.4	239.6	315.7	290.1	293.5	591.8	285.5	272.2	319.5	247.8	474.0	886.3	376.9

PRODUCER PRICE INDEXES BY STAGE OF PROCESSING, 1947-82

[1967 = 100]

	Intermediate materials, supplies, and components								Crude materials for further processing				
				Materials and components							Other		
Year or month:	Total	Foods and feeds[2]	Other	For manufacturing	For construction	Processed fuels and lubricants	Containers	Supplies	Total	Foodstuffs and feedstuffs	Total	Fuel	Other
1981:													
Jan	296.1	270.9	298.0	279.6	279.2	551.9	264.6	257.8	328.0	270.7	450.1	677.4	391.0
Feb	298.3	261.3	301.0	280.3	280.3	569.8	268.2	257.8	336.5	267.1	484.9	697.7	427.9
Mar	302.0	255.6	305.4	281.6	282.7	596.3	270.9	258.9	334.2	262.1	488.4	703.6	430.9
Apr	305.8	254.9	309.5	284.1	288.0	608.5	274.3	262.4	336.3	263.5	492.1	716.6	432.5
May	306.7	253.1	310.7	285.1	288.5	608.7	276.4	264.0	334.4	260.6	492.4	738.4	428.3
June	307.2	253.2	311.2	285.8	289.6	605.7	277.2	264.6	335.4	264.3	487.4	759.2	418.1
July	308.5	251.1	312.7	287.9	290.4	602.0	278.8	266.0	337.3	267.2	487.2	781.2	413.1
Aug	310.1	250.2	314.5	289.8	290.7	607.8	280.3	266.1	333.0	261.8	485.3	766.7	413.9
Sept	309.7	243.5	314.6	290.2	290.0	601.4	280.6	266.1	327.4	253.4	486.0	788.7	410.2
Oct	309.4	239.3	314.6	290.2	290.1	596.9	280.9	266.6	319.9	245.7	479.2	779.0	404.1
Nov	309.0	235.2	314.5	289.5	290.2	595.1	280.6	267.2	313.9	238.3	476.3	792.5	397.8
Dec	309.4	235.2	314.9	289.3	291.1	598.1	280.2	268.3	311.5	233.7	478.6	813.0	396.2
1982:[1]													
Jan	311.0	238.8	316.4	290.4	292.0	604.4	282.5	269.8	318.4	242.6	481.5	812.9	399.5
Feb	311.1	239.4	316.4	290.9	293.0	596.8	285.5	270.4	321.6	248.3	479.3	824.5	394.8
Mar	310.6	237.7	316.0	290.4	293.3	593.0	286.3	270.6	320.0	247.9	475.2	839.7	387.1
Apr	309.9	240.9	315.1	290.6	294.0	579.9	287.0	272.1	322.6	254.4	469.9	851.2	378.8
May	309.8	245.0	314.6	291.4	293.7	570.9	287.0	273.4	328.3	262.6	470.2	864.8	376.6
June	309.9	245.1	314.7	289.8	294.5	581.1	286.5	273.4	325.6	259.9	467.7	683.9	370.0
July	311.1	243.6	316.1	289.2	294.3	600.7	286.3	273.1	323.4	255.5	469.8	901.3	369.2
Aug	310.8	240.2	316.0	288.7	293.5	603.8	285.4	272.6	319.8	249.6	471.0	906.9	369.5
Sept	310.7	238.4	316.0	290.2	293.4	593.2	285.5	272.5	316.3	242.9	474.3	926.3	369.6
Oct	310.0	234.8	315.5	289.5	293.2	590.2	285.1	272.3	312.2	236.3	475.4	919.4	372.2
Nov	310.1	234.6	315.7	288.9	293.0	594.3	284.7	273.0	313.4	236.3	479.0	955.3	369.5
Dec	310.2	235.4	315.7	288.7	294.5	593.6	284.6	273.2	312.6	237.0	475.0	949.5	366.0

[1] Data have been revised through August 1982 to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

[2] Intermediate materials for food manufacturing and feeds.

PRODUCER PRICE INDEXES FOR MAJOR COMMODITY GROUPS, 1940-82

[1967 = 100]

Year or month:	Farm products and processed foods and feeds			Industrial commodities				
	Total	Farm products	Processed foods and feeds	Total	Textile products and apparel	Hides, skins, leather, and related products	Fuels and related products, and power[1]	Chemicals and allied products[1]
1940	....	41.4	....	44.0	....	45.2	51.4	52.4
1941	....	50.3	....	47.3	....	48.4	54.6	57.0
1942	....	64.8	....	50.7	....	52.8	56.2	63.3
1943	....	75.0	....	51.5	....	52.7	57.8	64.1
1944	....	75.5	....	52.3	....	52.2	59.5	64.8
1945	....	78.5	....	53.0	....	52.9	60.1	65.2
1946	....	90.9	....	58.0	....	61.1	64.4	70.5
1947	94.3	109.4	82.9	70.8	103.6	83.3	76.9	93.7
1948	101.5	117.5	88.7	76.9	108.1	84.2	90.5	95.9
1949	89.6	101.6	80.6	75.3	98.9	79.9	86.2	87.6
1950	93.9	106.7	83.4	78.0	102.7	86.3	87.1	88.9
1951	106.9	124.2	92.7	86.1	114.6	99.1	90.3	101.7
1952	102.7	117.2	91.6	84.1	103.4	80.1	90.1	96.5
1953	96.0	106.2	87.4	84.8	100.8	81.3	92.6	97.7
1954	95.7	104.7	88.9	85.0	98.6	77.6	91.3	98.9
1955	91.2	98.2	85.0	86.9	98.7	77.3	91.2	98.5
1956	90.6	96.9	84.9	90.8	98.7	81.9	94.0	99.1
1957	93.7	99.5	87.4	93.3	98.8	82.0	99.1	101.2
1958	98.1	103.9	91.8	93.6	97.0	82.9	95.3	102.0
1959	93.5	97.5	89.4	95.3	98.4	94.2	95.3	101.6
1960	93.7	97.2	89.5	95.3	99.5	90.8	96.1	101.8
1961	93.7	96.3	91.0	94.8	97.7	91.7	97.2	100.7
1962	94.7	98.0	91.9	94.8	98.6	92.7	96.7	99.1
1963	90.8	96.0	92.5	94.7	98.5	90.0	96.3	97.9
1964	93.2	94.6	92.3	95.2	99.2	90.3	93.7	98.3
1965	97.1	98.7	95.5	96.4	99.8	94.3	95.5	99.0
1966	103.5	105.9	101.2	98.5	100.1	103.4	97.8	99.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.4	102.5	102.2	102.5	103.7	103.2	98.9	99.8
1969	108.0	109.1	107.3	106.0	106.0	108.9	100.9	99.9
1970	111.7	111.0	112.1	110.0	107.1	110.3	106.2	102.2
1971	113.9	112.9	114.5	114.1	109.0	114.1	115.2	104.1
1972	122.4	125.0	120.8	117.9	113.6	131.3	118.6	104.2
1973	159.1	176.3	148.1	125.9	123.8	143.1	134.3	110.0
1974	177.4	187.7	170.9	153.8	139.1	145.1	208.3	146.8
1975	184.2	186.7	182.6	171.5	137.9	148.5	245.1	181.3
1976	183.1	191.0	178.0	182.4	148.2	167.8	265.6	187.2
1977	188.8	192.5	186.1	195.1	154.0	179.3	302.2	192.8
1978	206.6	212.5	202.6	209.4	159.8	200.0	322.5	198.8
1979	229.8	241.4	222.5	236.5	168.7	252.4	408.1	222.3

PRODUCER PRICE INDEXES FOR MAJOR COMMODITY GROUPS, 1940-82

[1967 = 100]

Year or month:	Farm products and processed foods and feeds			Industrial commodities				
	Total	Farm products	Processed foods and feeds	Total	Textile products and apparel	Hides, skins, leather, and related products	Fuels and related products, and power[1]	Chemicals and allied products[1]
1980	244.7	249.4	241.2	274.8	183.5	248.9	574.0	260.3
1981	251.5	254.9	248.7	304.1	199.7	260.9	694.5	287.6
1982[2]	248.9	242.3	251.5	312.3	204.3	263.0	693.4	292.4
1981:								
Jan	257.9	264.5	253.3	291.5	193.1	258.2	634.6	274.3
Feb	255.1	262.4	250.2	295.7	193.9	257.7	667.5	277.6
Mar	253.5	260.7	248.5	299.6	195.2	261.2	696.5	280.4
Apr	253.8	263.3	247.6	303.5	197.6	263.5	707.2	286.0
May	252.9	259.6	248.2	304.7	199.2	263.7	709.0	288.6
June ...	254.3	260.7	249.9	305.1	200.1	261.6	707.6	290.5
July	256.8	263.3	252.2	306.2	201.3	261.1	704.9	291.3
Aug	254.2	257.9	251.2	307.2	202.4	261.3	704.3	293.3
Sept....	250.3	251.1	248.9	307.4	202.9	261.7	703.5	293.3
Oct	246.0	243.1	246.6	309.0	204.0	260.0	698.1	292.4
Nov	242.5	237.4	244.3	309.3	203.6	259.8	698.1	292.0
Dec	241.0	234.6	243.6	310.0	203.4	260.7	702.5	291.8
1982:[2]								
Jan	246.0	242.2	247.1	311.8	205.0	261.8	705.1	292.9
Feb	248.4	247.1	248.1	311.6	205.6	261.6	697.8	293.6
Mar	247.5	244.7	248.1	311.0	205.0	260.6	689.7	294.6
Apr	251.6	250.6	251.1	309.9	205.4	263.4	670.6	294.3
May	255.8	256.5	254.4	309.6	205.4	263.2	662.2	295.0
June ...	255.3	252.7	255.8	310.6	205.0	261.8	677.3	293.3
July	252.4	246.6	254.6	312.8	204.1	263.1	701.1	291.6
Aug	249.6	240.8	253.5	313.2	204.2	262.0	705.6	291.6
Sept....	247.5	234.4	253.6	312.9	203.8	264.8	701.8	291.4
Oct	243.9	229.1	251.0	314.4	202.6	264.7	699.6	290.4
Nov	244.0	230.6	250.4	315.1	203.5	264.3	707.3	290.5
Dec	244.8	232.5	250.6	315.0	202.4	265.2	702.6	289.3

[1] Prices for some items in this grouping are lagged and refer to 1 month earlier than the index month.

[2] Data have been revised through August 1982 to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

[3] Index for total transportation equipment is not shown but is available beginning December 1968.

PRODUCER PRICE INDEXES FOR MAJOR COMMODITY GROUPS, 1940-82

[1967 = 100]

	Industrial commodities								
Year or month:	Rubber and plastic products	Lumber and wood products	Pulp, paper, and allied products	Metals and metal products	Machinery and equipment	Furniture and household durables	Non-metallic mineral products	Transportation equipment: Motor vehicles and equipment[3]	Miscellaneous products
1940	57.1	27.4	....	37.8	41.4	53.8	49.1	40.4	....
1941	61.5	32.7	....	38.5	42.1	57.2	50.2	43.2	....
1942	71.6	35.6	....	39.1	42.8	61.8	52.3	47.2	....
1943	73.6	37.7	....	39.0	42.4	61.4	52.4	47.2	....
1944	72.7	40.6	....	39.0	42.1	63.1	53.5	47.5	....
1945	70.5	41.2	....	39.6	42.2	63.2	55.7	48.3	....
1946	70.8	47.2	....	44.3	46.4	67.1	59.3	56.0	....
1947	70.5	73.4	72.5	54.9	53.7	77.0	66.3	64.1	73.5
1948	72.8	84.0	75.7	62.5	58.2	81.6	71.6	70.8	76.5
1949	70.5	77.7	72.4	63.0	61.0	82.9	73.5	75.7	78.0
1950	85.9	89.3	74.3	66.3	63.1	84.7	75.4	75.3	79.2
1951	105.4	97.2	88.0	73.8	70.5	91.8	80.1	79.4	83.9
1952	95.5	94.4	85.7	73.9	70.6	90.1	80.1	84.0	83.4
1953	89.1	94.3	85.5	76.3	72.2	91.9	83.3	83.6	85.6
1954	90.4	92.6	85.5	76.9	73.4	92.9	85.1	83.8	86.4
1955	102.4	97.1	87.8	82.1	75.7	93.3	87.5	86.3	86.5
1956	103.8	98.5	93.6	89.2	81.8	95.8	91.3	91.2	87.6
1957	103.4	93.5	95.4	91.0	87.6	98.3	94.8	95.1	90.2
1958	103.3	92.4	96.4	90.4	89.4	99.1	95.8	98.1	92.0
1959	102.9	98.8	97.3	92.3	91.3	99.3	97.0	100.3	92.2
1960	103.1	95.3	98.1	92.4	92.0	99.0	97.2	98.8	93.0
1961	99.2	91.0	95.2	91.9	91.9	98.4	97.6	98.6	93.3
1962	96.3	91.6	96.3	91.2	92.0	97.7	97.6	98.6	93.7
1963	96.8	93.5	95.6	91.3	92.2	97.0	97.1	97.8	94.5
1964	95.5	95.4	95.4	93.8	92.8	97.4	97.3	98.3	95.2
1965	95.9	95.9	96.2	96.4	93.9	96.9	97.5	98.5	95.9
1966	97.8	100.2	98.8	98.8	96.8	98.0	98.4	98.6	97.7
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.4	113.3	101.1	102.6	103.2	102.8	103.7	102.8	102.2
1969	105.3	125.3	104.0	108.5	106.5	104.9	107.7	104.8	105.2
1970	108.3	113.6	108.2	116.6	111.4	107.5	112.9	108.7	109.9
1971	109.1	127.3	110.1	118.7	115.5	110.0	122.4	114.9	112.9
1972	109.3	144.3	113.4	123.5	117.9	111.4	126.1	118.0	114.6
1973	112.4	177.2	122.1	132.8	121.7	115.2	130.2	119.2	119.7
1974	136.2	183.6	151.7	171.9	139.4	127.9	153.2	129.2	133.1
1975	150.2	176.9	170.4	185.6	161.4	139.7	174.0	144.6	147.7
1976	159.2	205.6	179.4	195.9	171.0	145.6	186.3	153.8	153.7
1977	167.6	236.3	186.4	209.0	181.7	151.5	200.5	163.7	164.3
1978	174.8	276.0	195.6	227.1	196.1	160.4	222.8	176.0	184.3
1979	194.3	300.4	219.0	259.3	213.9	171.3	248.6	190.5	208.7

PRODUCER PRICE INDEXES FOR MAJOR COMMODITY GROUPS, 1940-82
[1967 = 100]

	Industrial commodities								
Year or month:	Rubber and plastic products	Lumber and wood products	Pulp, paper, and allied products	Metals and metal products	Machinery and equipment	Furniture and household durables	Non-metallic mineral products	Transportation equipment: Motor vehicles and equipment[3]	Miscellaneous products
1980	217.4	288.9	249.2	286.4	239.8	187.7	283.0	208.8	258.8
1981	232.6	292.8	273.8	300.4	263.3	198.5	309.5	237.6	265.7
1982[2]	241.6	284.7	288.6	301.8	278.7	206.8	320.2	251.3	276.6
1981:									
Jan	224.8	296.5	264.4	294.0	253.3	194.0	296.6	229.0	264.3
Feb	226.4	294.7	267.2	294.0	255.3	195.2	297.9	230.9	264.9
Mar	228.4	294.4	269.0	296.4	257.5	195.8	300.9	229.5	264.0
Apr	230.8	299.4	271.4	298.8	259.6	196.4	310.8	233.9	266.0
May	231.8	298.4	272.1	299.1	260.7	197.4	312.0	236.0	266.9
June	233.4	298.1	272.9	298.4	262.1	197.3	313.6	236.7	266.3
July	232.1	296.5	274.9	302.0	264.8	199.5	314.3	237.4	263.2
Aug	234.1	294.5	275.9	304.1	266.2	199.6	314.1	238.4	262.6
Sept	235.7	289.3	277.8	304.9	268.1	201.0	313.2	232.8	267.0
Oct	237.3	284.3	279.2	305.3	269.3	201.3	313.3	247.8	268.5
Nov	238.0	282.1	280.4	304.2	270.4	202.1	313.7	248.9	267.5
Dec	238.3	285.4	281.0	303.3	272.0	202.9	313.5	249.5	267.6
1982:[2]									
Jan	237.3	285.5	285.5	304.7	274.1	203.5	315.6	250.8	268.3
Feb	239.3	285.2	286.3	304.2	275.4	204.6	319.0	246.8	273.5
Mar	240.8	285.3	287.4	302.9	276.2	205.5	319.9	246.8	272.7
Apr	241.1	286.5	288.5	303.1	277.6	206.0	320.2	247.2	273.2
May	242.1	284.6	289.6	302.8	278.2	206.5	321.2	249.2	272.2
June	242.5	289.0	289.5	299.3	278.6	207.0	320.9	251.1	271.5
July	242.0	288.6	289.1	299.5	279.6	206.8	321.1	252.0	273.4
Aug	242.6	284.2	289.3	299.2	279.9	208.1	320.5	252.8	272.0
Sept	243.3	283.0	289.2	301.8	280.3	207.7	320.2	245.0	280.3
Oct	243.0	279.6	289.2	302.1	280.9	208.4	321.2	258.1	285.9
Nov	242.6	279.9	289.6	301.0	281.3	208.3	321.5	257.5	285.7
Dec	243.0	284.8	289.5	300.9	281.8	208.6	320.9	257.9	290.3

[1] Prices for some items in this grouping are lagged and refer to 1 month earlier than the index month.

[2] Data have been revised through August 1982 to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

[3] Index for total transportation equipment is not shown but is available beginning December 1968.

MONEY STOCK MEASURES AND LIQUID ASSETS, 1959-82

[Averages of daily figures; billions of dollars, seasonally adjusted]

	M1	M2	M3	L	Percent change from year or 6 months earlier[3]		
Year and month:	Sum of currency, demand deposits, travelers' checks, and other checkable deposits (OCD)[1]	M1 plus overnight RPs and Eurodollars, MMMF balances (general purpose and broker/dealer), and savings and small time deposits[2]	M2 plus large time deposits, term RPs, and institution-only MMMF balances	M3 plus other liquid assets	M1	M2	M3
December:							
1959	140.9	297.7	298.9	388.4	...	...	...
1960	141.9	312.3	314.3	403.4	0.7	4.9	5.2
1961	146.5	335.5	339.4	430.5	3.2	7.4	8.0
1962	149.2	362.8	369.7	465.9	1.8	8.1	8.9
1963	154.7	393.4	404.1	503.7	3.7	8.4	9.3
1964	161.9	425.1	440.2	540.5	4.7	8.1	8.9
1965	169.5	459.5	480.7	584.5	4.7	8.1	9.2
1966	173.7	481.3	504.9	616.5	2.5	4.7	5.0
1967	185.1	526.6	558.6	670.1	6.6	9.4	10.6
1968	199.4	569.4	608.4	733.9	7.7	8.1	8.9
1969	205.8	591.3	614.1	765.2	3.2	3.8	.9
1970	216.5	628.8	675.2	816.5	5.2	6.3	9.9
1971	230.6	713.6	773.7	903.2	6.5	13.5	14.6
1972	251.9	806.4	882.8	1,023.6	9.2	13.0	14.1
1973	265.8	863.2	981.4	1,143.8	5.5	7.0	11.2
1974	277.4	911.2	1,064.3	1,249.8	4.4	5.6	8.4
1975	291.0	1,026.9	1,166.2	1,376.6	4.9	12.7	9.6
1976	310.4	1,171.2	1,305.0	1,531.4	6.7	14.1	11.9
1977	335.5	1,297.7	1,464.6	1,724.3	8.1	10.8	12.2
1978	363.2	1,403.9	1,629.0	1,938.9	8.3	8.2	11.2
1979	389.0	1,518.9	1,779.4	2,153.9	7.1	8.2	9.2
1980	414.5	1,656.2	1,963.1	2,370.4	6.6	9.0	10.3
1981	440.9	1,822.7	2,188.1	2,642.8	6.4	10.1	11.5
1982[p]	478.5	1,999.1	2,403.7	....	8.5	9.7	9.9

MONEY STOCK MEASURES AND LIQUID ASSETS, 1959-82

[Averages of daily figures; billions of dollars, seasonally adjusted]

Year and month:	M1 Sum of currency, demand deposits, travelers' checks, and other checkable deposits (OCD)[1]	M2 M1 plus overnight RPs and Eurodollars, MMMF balances (general purpose and broker/dealer), and savings and small time deposits[2]	M3 M2 plus large time deposits, term RPs, and institution-only MMMF balances	L M3 plus other liquid assets	Percent change from year or 6 months earlier[3] M1	M2	M3
1981:							
Jan	417.9	1,665.7	1,984.2	2,397.3	10.3	8.6	11.7
Feb	419.4	1,678.2	2,001.9	2,418.2	7.2	7.6	10.8
Mar	424.4	1,701.1	2,024.0	2,438.0	6.8	9.0	11.8
Apr	433.3	1,723.2	2,046.3	2,455.5	8.8	10.4	12.3
May	429.2	1,732.4	2,065.2	2,483.1	5.7	9.4	11.9
June	428.4	1,740.9	2,082.1	2,506.6	6.8	10.5	12.5
July	429.4	1,753.7	2,102.5	2,530.4	5.6	10.8	12.3
Aug	431.1	1,772.4	2,126.0	2,559.7	5.7	11.5	12.8
Sept	431.2	1,778.3	2,138.1	2,577.2	3.2	9.3	11.6
Oct	432.9	1,789.5	2,151.1	2,600.0	−.2	7.8	10.5
Nov	436.4	1,809.9	2,174.7	2,629.3	3.4	9.1	10.9
Dec	440.9	1,822.7	2,188.1	2,642.8	5.9	9.6	10.4
1982:							
Jan	448.6	1,841.3	2,204.3	2,667.9	9.1	10.2	9.9
Feb	447.3	1,848.1	2,215.1	2,690.5	7.7	8.7	8.6
Mar	448.3	1,865.3	2,235.9	2,717.2	8.1	10.0	9.4
Apr	452.4	1,880.9	2,258.3	2,744.2	9.2	10.5	10.2
May	451.5	1,897.7	2,279.5	2,774.4	7.0	9.9	9.9
June	451.4	1,908.2	2,296.2	2,799.5	4.8	9.6	10.1
July	451.3	1,923.8	2,320.6	2,831.9	1.2	9.2	10.8
Aug	455.2	1,946.8	2,356.4	2,858.2	3.6	11.0	13.2
Sept	460.5	1,955.0	2,364.2	....	5.5	9.8	11.8
Oct	468.4	1,968.2	2,382.1	....	7.2	9.5	11.3
Nov	475.0	1,987.2	2,401.2	....	10.7	9.7	11.0
Dec[p]	478.5	1,999.1	2,403.7	....	12.4	9.8	9.6

[1] Net of demand deposits due to foreign commercial banks and official institutions.

[2] M2 will differ from the sum of components shown in next table by a consolidation adjustment that represents the estimated amount of demand deposits and vault cash held by thrift institutions to service time and savings deposits.

[3] Monthly percent changes are from 6 months earlier at a compound annual rate.

Note.—See next table for components, except travelers checks not shown separately.

COMPONENTS OF MONEY STOCK MEASURES AND LIQUID ASSETS, 1959-82

[Averages of daily figures; billions of dollars, seasonally adjusted, except as noted]

Period	Currency	Demand deposits[1]	Other checkable deposits	Overnight repurchase agreements (RPs) (net) NSA	Overnight Eurodollars NSA	Money market mutual fund (MMMF) balances		Savings deposits	Small denomination time deposits[2]	Large denomination time deposits[2]	Term repurchase agreements (RPs) NSA	Term Eurodollars (net) NSA	Savings bonds	Short-term Treasury securities	Bankers' acceptances	Commercial paper
						General purpose and broker dealer NSA	Institution only NSA									
December:																
1959	28.9	111.6	0.0	0.0	0.0	0.0	0.0	146.0	11.8	1.2	0.0	0.7	46.1	38.6	0.5	3.6
1960	29.0	112.5	.0	.0	.0	.0	.0	158.7	12.9	2.0	.0	.8	45.7	36.7	.8	5.1
1961	29.6	116.5	.0	.0	.0	.0	.0	175.0	15.2	3.9	.0	1.4	46.5	37.0	1.0	5.2
1962	30.6	118.1	.0	.0	.0	.0	.0	194.3	20.7	6.9	.0	1.6	46.9	39.8	1.0	6.8
1963	32.5	121.7	.1	.0	.0	.0	.0	213.9	26.2	10.7	.0	1.9	48.1	40.7	1.1	7.7
1964	34.3	127.0	.1	.0	.0	.0	.0	234.8	29.9	15.2	.0	2.4	49.0	38.5	1.2	9.1
1965	36.3	132.5	.1	.0	.0	.0	.0	256.5	35.2	21.2	.0	1.7	49.6	40.7	1.5	10.2
1966	38.3	134.6	.1	.5	.0	.0	.0	252.8	55.9	23.1	.5	2.1	50.2	43.2	1.6	14.4
1967	40.4	143.9	.1	1.1	.0	.0	.0	263.3	79.0	31.0	1.0	2.1	51.2	38.7	1.7	17.8
1968	43.4	155.1	.1	1.6	.0	.0	.0	268.5	101.9	37.4	1.5	2.9	51.8	46.1	2.2	22.5
1969	46.1	158.8	.1	2.5	.0	.0	.0	263.2	121.7	20.4	2.4	2.7	51.7	59.5	3.2	34.0
1970	49.1	166.3	.1	1.4	.0	.0	.0	259.3	153.6	45.0	1.4	2.2	52.0	49.2	3.3	34.5
1971	52.5	176.8	.2	2.5	.0	.0	.0	290.8	192.0	57.6	2.5	2.7	54.3	36.3	3.5	32.7
1972	56.8	193.6	.2	3.1	.0	.0	.0	320.2	233.9	73.2	3.3	3.6	57.6	41.1	3.3	35.2
1973	61.5	202.5	.3	6.8	.0	.1	.0	325.9	267.6	111.2	7.1	5.4	60.4	50.0	4.7	41.9
1974	67.8	207.4	.4	7.2	.0	2.1	.2	337.6	290.0	144.4	8.4	8.0	63.2	53.6	10.6	50.1
1975	73.8	214.1	.9	7.5	.0	3.2	.4	387.7	340.9	129.8	9.0	9.7	67.2	77.1	8.4	48.0
1976	80.6	224.4	2.7	13.7	.0	2.8	.5	451.7	396.5	118.2	15.0	13.1	71.7	81.1	8.8	51.7
1977	88.6	239.6	4.2	17.8	1.0	2.9	.9	490.4	454.1	143.2	21.0	18.7	76.4	89.9	11.8	62.9
1978	97.4	253.9	8.4	22.1	2.0	7.1	3.1	479.9	533.9	194.6	27.5	29.9	80.3	99.3	21.4	79.2
1979	106.1	262.2	16.9	22.7	3.6	34.4	9.3	421.7	652.6	221.8	30.2	42.9	79.6	128.5	26.5	97.0
1980	116.2	267.2	26.9	30.5	4.5	61.9	13.9	398.9	751.7	257.9	37.8	48.4	72.3	156.7	31.8	98.1
1981	123.1	236.4	77.0	31.4	6.7	151.2	33.7	343.6	854.7	300.3	35.4	66.7	67.7	176.5	39.7	104.2
1982^p	132.6	240.2	101.3	39.5	6.1	177.5	43.1	400.3	904.2	332.6	33.6	.....	.....	.....	.....	....
1981:																
Jan.	116.3	254.1	43.2	30.6	5.2	65.8	15.0	384.5	768.1	267.5	39.2	50.2	71.7	161.1	32.4	97.7
Feb.	117.2	244.8	53.3	30.4	4.9	75.2	17.3	378.5	775.7	271.7	38.1	52.2	71.0	163.6	32.5	97.0
Mar.	117.8	243.0	59.5	31.9	4.6	85.4	20.2	378.5	782.0	269.8	36.1	52.1	70.6	161.9	33.3	96.1
Apr.	119.1	243.5	66.5	31.8	5.0	96.0	21.3	378.8	784.1	267.6	36.7	52.6	70.3	157.6	34.5	94.2
May	119.4	240.4	65.2	34.5	6.5	98.8	19.5	373.5	795.8	278.3	37.7	57.0	70.0	158.2	35.6	97.1
June	119.7	237.7	66.7	36.5	6.4	102.9	20.1	366.8	805.5	285.6	38.8	57.9	69.7	160.3	36.4	100.3

COMPONENTS OF MONEY STOCK MEASURES AND LIQUID ASSETS, 1959-82

[Averages of daily figures; billions of dollars, seasonally adjusted, except as noted]

						Money market mutual fund (MMMF) balances										
Period	Currency	Demand deposits[1]	Other checkable deposits	Overnight repurchase agreements (RPs) (net) NSA	Overnight Eurodollars NSA	General purpose and broker/dealer NSA	Institution only NSA	Savings deposits	Small denomination time deposits[2]	Large denomination time deposits[2]	Term repurchase agreements (RPs) NSA	Term Eurodollars (net) NSA	Savings bonds	Short-term Treasury securities	Bankers' acceptances	Commercial paper
July	120.5	236.7	68.1	35.4	6.9	112.8	21.6	361.0	814.0	293.1	37.2	58.7	69.4	161.8	37.1	100.8
Aug.	120.7	236.6	69.5	35.3	7.8	122.2	23.3	350.9	830.8	299.8	33.4	61.0	68.9	164.1	37.3	102.4
Sept.	121.1	234.7	71.2	32.7	6.9	130.6	26.6	343.1	839.7	302.3	33.8	61.2	68.4	168.1	37.6	103.8
Oct.	121.3	235.7	71.6	30.2	5.9	137.3	29.4	339.6	849.8	302.2	33.4	63.4	67.9	176.0	37.1	104.4
Nov.	121.8	235.7	74.7	30.4	6.5	144.9	32.0	340.9	856.8	300.6	35.6	65.5	67.7	179.9	38.1	103.7
Dec.	123.1	236.4	77.0	31.4	6.7	151.2	33.7	343.6	854.7	300.3	35.4	66.7	67.7	176.5	39.7	104.2
1982:																
Jan.	123.8	239.3	81.1	35.7	7.5	154.9	32.5	348.8	852.3	302.6	32.5	69.9	67.8	180.3	40.2	105.5
Feb.	124.6	234.5	83.8	35.6	7.3	156.1	30.5	348.6	859.4	308.0	32.5	73.8	67.8	186.4	39.1	108.4
Mar.	125.1	233.0	85.8	36.7	6.3	159.4	31.5	350.7	869.9	312.6	31.5	74.4	67.7	191.0	37.9	110.3
Apr.	126.3	233.0	88.6	34.6	5.8	162.1	31.5	350.5	881.6	317.2	34.2	78.5	67.7	191.7	38.3	109.7
May	127.4	232.7	87.0	35.8	7.0	164.6	32.8	350.9	894.1	321.6	32.6	83.3	67.7	191.9	39.9	112.1
June	128.4	231.0	87.5	36.0	7.0	168.9	33.7	349.9	900.9	328.3	31.2	84.8	67.8	194.8	40.3	115.7
July	128.8	230.6	87.4	36.4	7.0	171.7	36.7	344.0	919.7	335.8	29.3	84.2	67.7	199.9	40.8	118.7
Aug.	129.5	231.1	90.2	37.6	6.9	180.6	43.1	342.0	930.6	339.6	32.1	81.5	67.6	200.5	40.2	112.0
Sept.	130.5	232.6	93.0	36.8	6.5	182.5	43.9	342.4	932.6	339.3	30.5	....	....	....	....	....
Oct.	131.2	236.2	96.5	39.7	6.2	184.1	44.8	352.6	923.8	342.5	31.3	....	....	....	....	....
Nov.	131.6	238.3	100.7	40.6	6.6	186.6	45.3	362.3	923.0	340.4	33.5	....	....	....	....	....
Dec.^{p}	132.6	240.2	101.3	39.5	6.1	177.5	43.1	400.3	904.2	332.6	33.6	....	....	....	....	....

[1] Demand deposits at all commercial banks other than those due to domestic banks, the U.S. Government, and foreign banks and official institutions less cash items in the process of collection and Federal Reserve float.

[2] Small denomination and large denomination deposits are those issued in amounts of less than $100,000 and more than $100,000, respectively.

Note—NSA indicates data are not seasonally adjusted.
Travelers checks are a component of money stock but are not shown here.

P-preliminary

TOTAL FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS, 1974-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Item	1974	1975	1976	1977	1978	1979	1980	1981
Total funds raised by nonfinancial sectors	193.9	214.4	273.5	334.3	401.7	402.0	397.1	406.9
U.S. Government	11.8	85.4	69.0	56.8	53.7	37.4	79.2	87.4
Foreign	14.8	11.5	19.6	13.9	33.2	21.0	29.3	27.3
Private domestic nonfinancial sectors	167.4	117.5	184.9	263.6	314.8	343.6	288.7	292.3
Corporate equities	4.1	9.9	10.5	2.7	-.1	-7.8	12.9	-11.5
Debt instruments	163.3	107.5	174.3	260.9	314.9	351.5	275.8	303.7
Debt capital instruments	100.6	100.9	123.6	169.8	198.7	216.0	204.1	175.0
State and local government obligations	16.5	16.1	15.7	21.9	28.4	29.8	35.9	32.9
Corporate bonds	19.7	27.2	22.8	21.0	20.1	22.5	33.2	23.9
Mortgages	64.4	57.6	85.1	126.9	150.2	163.7	135.1	118.3
Home	37.3	42.0	63.9	94.3	112.1	120.1	96.7	78.6
Multi-family Residential	6.9	-.0	3.9	7.1	9.2	7.8	8.8	4.6
Commercial	15.1	11.0	11.6	18.4	21.7	23.9	20.2	25.3
Farm	5.0	4.6	5.7	7.1	7.2	11.8	9.3	9.8
Other debt instruments	62.7	6.6	50.7	91.1	116.2	135.5	71.7	128.8
Consumer credit	9.9	9.6	25.4	40.2	48.8	45.4	4.9	25.3
Banks loans n.e.c	32.6	-10.5	4.4	26.7	37.1	49.2	35.4	51.1
Open-market paper	6.6	-2.6	4.0	2.9	5.2	11.1	6.6	19.2
Other	13.5	10.1	16.9	21.3	25.1	29.7	24.9	33.1
By borrowing sector: Total	167.4	117.5	184.9	263.6	314.8	343.6	288.7	292.3
State and local government	15.5	13.7	15.2	15.4	19.1	20.2	27.3	22.3
Households	53.9	52.1	89.5	137.3	169.3	176.5	117.5	120.4
Nonfinancial business	98.0	51.6	80.2	110.9	126.3	146.9	143.9	149.5
Farm	7.8	8.5	10.2	12.3	14.6	21.4	14.4	16.4
Nonfarm corporate	20.2	12.5	15.4	28.3	32.4	34.4	33.8	40.5
Corporate	69.9	30.7	54.5	70.4	79.3	91.2	95.7	92.6
Debt instruments	65.9	20.8	44.0	67.6	79.4	99.0	82.8	104.1
Equities	4.1	9.9	10.5	2.7	-.1	-7.8	12.9	-11.5
Total funds supplied to nonfinancial sectors	193.9	214.4	273.5	334.3	401.7	402.0	397.1	406.9

TOTAL FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS, 1974-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Item	1974	1975	1976	1977	1978	1979	1980	1981
Financed directly or indirectly by:								
Private domestic nonfiancial sectors	123.5	148.1	173.5	184.0	219.7	258.9	271.1	291.3
Deposits and currency	73.7	101.2	133.4	148.5	152.3	151.9	179.2	221.0
Checkable deposits and currency	8.5	15.6	17.8	25.5	25.6	27.2	14.5	27.8
Time and savings deposits	65.3	83.3	111.7	119.3	110.3	82.2	127.8	82.9
Money market fund shares	2.4	1.3	-.0	.2	6.9	34.4	29.2	107.5
Security repurchase agreements	-2.2	.2	2.3	2.2	7.5	6.6	6.5	2.5
Foreign deposits	-.2	.8	1.7	1.3	2.0	1.5	1.1	.3
Credit market instruments	50.4	50.7	44.7	39.0	72.5	122.9	89.7	101.9
Corporate equities	-.6	-3.8	-4.6	-3.5	-5.1	-15.9	2.1	-31.6
Foreign funds	21.8	2.1	13.2	43.5	46.7	22.7	5.6	13.6
At banks	10.1	-8.7	-4.7	1.2	6.3	25.6	-23.0	-8.8
Credit and equity instruments	11.7	10.8	17.9	42.3	40.5	-2.9	28.6	22.3
U.S. Government-related loans, net	19.1	23.2	20.4	17.6	27.2	31.8	29.0	34.2
U.S. Government cash balances	-4.6	2.8	3.0	.9	3.7	.5	-3.6	.1
Private insurance and pension reserves	33.4	39.7	47.7	60.7	66.6	60.0	80.8	88.5
Other sources	.8	-1.6	15.7	27.5	37.8	28.1	14.2	-20.8

TOTAL FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS, 1974-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Item:	1981				1982		
	I	II	III	IV	I	II	III
Total funds raised by nonfinancial sectors	431.9	444.5	380.8	370.6	361.8	399.5	479.7
U.S. Government	111.3	52.5	62.7	123.0	94.8	101.4	221.2
Foreign	33.6	35.7	18.9	20.9	15.5	16.5	1.3
Private domestic nonfinancial sctors	287.0	356.3	299.2	226.7	251.5	281.6	257.2
Corporate equities	5.2	−3.4	−24.6	−23.0	−5.3	5.0	.0
Debt instruments	281.8	359.7	323.8	249.7	256.8	276.6	257.2
Debt capital instruments	192.7	200.3	156.9	150.0	159.7	153.6	172.9
State and local government obligations	36.0	34.2	26.3	35.0	38.3	57.5	54.3
Corporate bonds	25.0	24.5	19.5	26.4	20.3	16.7	42.5
Mortgages	131.8	141.6	111.1	88.6	101.2	79.4	76.2
Home	93.4	96.9	72.5	51.6	67.2	51.8	51.4
Multi-family residential	4.4	5.7	4.1	4.2	6.2	3.9	7.1
Commercial	25.3	29.4	23.7	22.6	20.5	20.1	11.0
Farm	8.5	9.5	10.8	10.2	7.3	3.6	6.6
Other debt instruments	89.1	159.4	166.8	99.6	97.1	123.0	84.3
Consumer credit	26.5	32.2	34.2	8.3	6.6	25.4	8.2
Banks loans n.e.c	22.8	72.6	66.0	43.2	69.9	86.6	46.6
Open-market paper	11.3	10.1	32.9	22.3	12.2	−5.3	−.9
Other	28.5	44.5	33.8	25.9	8.4	16.4	30.4
By borrowing sector: Total	287.0	356.3	299.2	226.7	251.5	281.6	257.2
State and local governments	27.1	23.1	14.8	24.3	25.6	46.9	39.2
Households	135.0	147.1	128.1	71.1	82.1	97.2	81.6
Nonfinancial business	125.0	186.1	156.4	130.7	143.8	137.4	136.5
Farm	19.2	20.5	16.1	9.6	5.6	11.3	12.5
Nonfarm noncorporate	37.1	46.5	40.1	38.5	28.0	32.8	25.9
Corporate	68.7	119.1	100.2	82.5	110.2	93.3	98.0
Debt instruments	63.5	122.5	124.8	105.5	115.5	88.3	98.0
Equities	5.2	−3.4	−24.6	−23.0	−5.3	5.0	.0
Total funds supplied to nonfinancial sectors	431.9	444.5	380.8	370.6	361.8	399.5	479.7

TOTAL FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS, 1974-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

Item:	1981				1982		
	I	II	III	IV	I	II	III
Financed directly or indirectly by:							
Private domestic nonfinancial sectors	309.3	278.3	285.5	291.9	242.6	296.5	329.9
Deposits and currency	284.0	153.2	217.5	229.2	205.3	149.7	204.6
Checkable deposits and currency	69.7	-5.2	-6.6	53.2	27.3	-9.5	-5.8
Time and savings deposits	39.2	108.3	103.8	80.2	148.2	112.1	123.5
Money market fund shares	148.4	59.9	137.3	84.3	37.6	41.2	86.5
Security repurchase agreements	16.9	-1.6	-13.8	8.6	.3	1.7	7.6
Foreign deposits	9.7	-8.2	-3.2	2.8	-8.1	4.1	-7.2
Credit market instruments	40.9	154.2	123.0	89.5	48.3	151.2	137.8
Corporate equities	-15.5	-29.0	-55.0	-26.8	-11.0	-4.4	-12.5
Foreign funds	21.8	55.0	3.2	-25.7	-32.9	23.7	-40.8
At banks	-25.4	24.0	11.9	-45.6	-46.0	-16.3	-61.7
Credit and equity instruments	47.2	31.0	-8.7	19.9	13.0	40.0	20.9
U.S. Government-related loans, net	27.2	23.3	37.4	49.0	10.0	10.1	53.2
U.S. Government cash balances	14.1	-2.5	-7.2	-3.8	23.2	-29.6	42.3
Private insurance and pension reserves	79.3	94.7	95.0	85.3	84.2	99.1	85.4
Other sources	-19.7	-4.3	-33.0	-26.1	34.7	-.4	9.7

EARNINGS, DIVIDENDS, YIELDS, AND PRICE-EARNINGS RATIOS—Quarterly 1978-1982
Based on the Stocks in the S&P Daily Indexes

Year and Quarter	Earnings Per Share—Adjusted to Index (Quarterly)					Dividend Per Share—Adjusted to Index (Four Quarter Total)					Yield—End of Quarter (Annual %)				
	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.
1978 I	2.65	0.17	2.01	0.43	2.54	5.09	0.58	4.12	0.52	4.80	5.19	4.57	7.92	4.89	5.38
II	2.42	0.76	1.41	0.52	3.18	5.20	0.60	4.19	0.55	4.91	4.93	4.43	8.07	4.77	5.14
III	3.17	0.79	1.77	0.53	3.05	5.31	0.62	4.26	0.57	5.02	4.67	4.12	8.17	4.57	4.90
IV	3.88	0.55	1.66	0.57	3.56	5.35	0.63	4.33	0.59	5.07	4.99	4.93	8.93	5.26	5.28
1979 I	3.79	0.44	2.08	0.53	3.51	5.49	0.65	4.40	0.62	5.20	4.84	4.69	8.70	5.24	5.12
II	4.23	0.85	1.54	0.58	3.86	5.64	0.66	4.48	0.64	5.34	4.94	4.51	8.82	4.90	5.19
III	4.02	0.50	1.88	0.59	3.70	5.83	0.67	4.57	0.66	5.51	4.78	4.29	8.96	4.95	5.04
IV	4.17	0.59	1.66	0.58	3.79	5.96	0.69	4.66	0.69	5.65	4.94	4.58	9.28	5.49	5.23
1980 I	4.40	0.35	1.91	0.52	3.94	6.15	0.71	4.74	0.70	5.80	5.33	4.67	10.50	6.39	5.68
II	3.84	0.43	1.51	0.61	3.51	6.31	0.72	4.82	0.71	5.94	4.92	4.42	9.16	5.49	5.20
III	3.62	0.63	2.03	0.51	3.40	6.46	0.73	4.89	0.72	6.07	4.52	3.63	9.81	5.57	4.84
IV	4.27	0.93	2.08	0.56	3.97	6.55	0.74	4.96	0.72	6.16	4.24	2.99	9.46	5.26	4.54
1981 I	4.01	0.46	2.23	0.50	3.70	6.67	0.73	5.04	0.73	6.28	4.33	2.77	9.86	5.04	4.62
II	4.41	0.42	1.78	0.52	3.94	6.77	0.74	5.12	0.75	6.39	4.59	3.08	9.81	4.88	4.87
III	3.85	0.67	2.26	0.59	3.66	6.90	0.76	5.22	0.77	6.52	5.31	3.85	10.37	5.56	5.61
IV	4.43	0.52	2.05	0.62	4.06	7.00	0.78	5.34	0.79	6.63	5.11	3.60	10.08	5.46	5.41
1982 I	3.30	0.02	2.57	0.51	3.15	7.09	0.80	5.44	0.81	6.72	5.71	4.45	10.37	5.72	6.00
II	3.60	0.47	1.83	0.44	3.30	7.18	0.82	5.55	0.81	6.8[illegible]	5.87	4.67	10.66	6.49	6.21
III	3.05	0.44	2.44	0.60	3.05	7.19	0.83	5.65	0.82	6.85	5.35	4.22	10.09	5.85	5.69
IV	P3.14	0.32	1.94	P0.66	P3.05	7.18	0.83	5.72	0.84	6.87	4.56	3.43	9.46	5.07	4.88

Year and Quarter	Earnings Per Share—Adjusted to Index (Four Quarter Total)					Price/Earnings Ratios					Stock Price Indexes (End of Period)				
	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.	400 Ind.	20 Trans.	40 Util.	40 Finan.	500 Comp.
1978 I	11.57	1.73	6.75	1.77	10.92	8.47	7.34	7.71	6.01	8.17	98.02	12.70	52.02	10.64	89.21
II	11.88	1.91	6.78	1.86	11.23	8.88	7.09	7.66	6.19	8.51	105.53	13.54	51.92	11.52	95.53
III	12.23	2.13	6.81	1.95	11.57	9.30	7.07	7.66	6.40	8.86	113.72	15.05	52.16	12.48	102.54
IV	13.12	2.27	6.85	2.05	12.33	8.17	5.63	7.08	5.47	7.79	107.21	12.79	48.47	11.22	96.11
1979 I	14.26	2.54	6.92	2.15	13.30	7.95	5.45	7.31	5.51	7.64	113.38	13.85	50.58	11.84	101.59
II	15.07	2.63	7.05	2.21	13.98	7.57	5.56	7.21	5.90	7.36	114.14	14.63	50.81	13.05	102.91
III	15.92	2.34	7.16	2.27	14.63	7.67	6.67	7.12	5.88	7.47	122.09	15.60	50.98	13.34	109.32
IV	16.21	2.38	7.16	2.28	14.86	7.47	6.33	7.02	5.51	7.26	121.02	15.07	50.24	12.57	107.94
1980 I	16.82	2.29	6.99	2.27	15.29	6.86	6.63	6.46	4.83	6.68	115.31	15.19	45.15	10.96	102.09
II	16.43	1.87	6.96	2.30	14.94	7.81	8.71	7.56	5.63	7.65	128.34	16.28	52.63	12.94	114.24
III	16.03	2.00	7.11	2.22	14.64	8.86	10.06	7.01	5.82	8.53	142.82	20.12	49.87	12.92	125.46
IV	16.13	2.34	7.53	2.20	14.82	9.58	10.64	6.97	6.22	9.19	154.45	24.79	52.45	13.70	135.76
1981 I	15.74	2.45	7.65	2.18	14.58	9.79	10.76	6.51	6.65	9.33	154.19	26.35	51.13	14.49	136.00
II	16.31	2.44	8.12	2.09	15.01	9.01	9.85	6.42	7.35	8.71	147.58	24.05	52.20	15.37	131.21
III	16.54	2.48	8.35	2.17	15.26	7.93	8.09	6.20	6.62	7.71	130.04	19.74	50.36	13.85	116.18
IV	16.70	2.07	8.32	2.23	15.36	8.34	8.86	6.53	7.06	8.12	137.12	21.69	52.98	14.47	122.55
1982 I	15.99	1.63	8.66	2.24	14.81	7.77	11.03	6.05	6.33	7.56	124.23	17.98	52.47	14.17	111.96
II	15.18	1.68	6.71	2.16	14.17	8.06	10.45	5.98	5.78	7.74	122.42	17.56	52.05	12.49	109.61
III	14.38	1.45	8.89	2.17	13.56	9.34	13.57	6.30	6.46	8.87	134.45	19.68	55.99	14.01	120.42
IV	13.09	1.25	8.78	2.21	12.55	10.95	16.68	6.80	7.64	10.36	157.62	24.18	60.45	16.58	140.64

P—Preliminary

BOND YIELDS AND INTEREST RATES, 1929-82

[Percent per annum]

Year or month:	U.S. Treasury securities: Bills (new issues)[1]: 3-month	U.S. Treasury securities: Bills (new issues)[1]: 6-month	U.S. Treasury securities: Constant maturities[2]: 3 years	U.S. Treasury securities: Constant maturities[2]: 10 years	Corporate bonds (Moody's): Aaa	Corporate bonds (Moody's): Baa	High grade municipal bonds (Standard & Poor's)	New home mortgage yields (FHLBB)[3]	Prime commercial paper, 4-6 months	Prime rate charged by banks[4]	Discount rate Federal Reserve Bank of New York[4]	Federal funds rate[5]
1929	....	....	....	....	4.73	5.90	4.27	....	5.85	5.50-6.00	5.16	....
1933	.515	....	....	....	4.49	7.76	4.71	....	1.73	1.50-4.00	2.56	....
1939	.023	....	....	....	3.01	4.96	2.76	....	.59	1.50	1.00	....
1940	.014	....	....	....	2.84	4.75	2.50	....	.56	1.50	1.00	....
1941	.103	....	....	....	2.77	4.33	2.10	....	.53	1.50	1.00	
1942	.326	....	....	....	2.83	4.28	2.36	....	.66	1.50	[6]1.00	....
1943	.373	....	....	....	2.73	3.91	2.06	....	.69	1.50	[6]1.00	....
1944	.375	....	....	....	2.72	3.61	1.86	....	.73	1.50	[6]1.00	....
1945	.375	....	....	....	2.62	3.29	1.67	....	.75	1.50	[6]1.00	....
1946	.375	....	....	....	2.53	3.05	1.64	....	.81	1.50	[6]1.00	....
1947	.594	....	....	....	2.61	3.24	2.01	....	1.03	1.50-1.75	[6]1.00	....
1948	1.040	....	....	....	2.82	3.47	2.40	....	1.44	1.75-2.00	1.34	....
1949	1.102	....	....	....	2.66	3.42	2.21	....	1.49	2.00	1.50	....
1950	1.218	....	....	....	2.62	3.24	1.98	....	1.45	2.07	1.59	....
1951	1.552	....	....	....	2.86	3.41	2.00	....	2.16	2.56	1.75	....
1952	1.766	....	....	....	2.96	3.52	2.19	....	2.33	3.00	1.75	....
1953	1.931	....	2.47	2.85	3.20	3.74	2.72	....	2.52	3.17	1.99	....
1954	.953	....	1.63	2.40	2.90	3.51	2.37	....	1.58	3.05	1.60	....
1955	1.753	....	2.47	2.82	3.06	3.53	2.53	....	2.18	3.16	1.89	1.78
1956	2.658	....	3.19	3.18	3.36	3.88	2.93	....	3.31	3.77	2.77	2.73
1957	3.267	....	3.98	3.65	3.89	4.71	3.60	....	3.81	4.20	3.12	3.11
1958	1.839	....	2.84	3.32	3.79	4.73	3.56	....	2.46	3.83	2.15	1.57
1959	3.405	3.832	4.46	4.33	4.38	5.05	3.95	....	3.97	4.48	3.36	3.30

BOND YIELDS AND INTEREST RATES, 1929-82

[Percent per annum]

Year or month:	U.S. Treasury securities				Corporate bonds (Moody's)		High grade municipal bonds (Standard & Poor's)	New home mortgage yields (FHLBB)[3]	Prime commercial paper, 4-6 months	Prime rate charged by banks[4]	Discount rate Federal Reserve Bank of New York[5]	Federal funds rate[6]
	Bills (new issues)[1]		Constant maturities[2]									
	3-month	6-month	3 years	10 years	Aaa	Baa						
1960	2.928	3.247	3.98	4.12	4.41	5.19	3.73	....	3.85	4.82	3.53	3.22
1961	2.378	2.605	3.54	3.88	4.35	5.08	3.46	....	2.97	4.50	3.00	1.96
1962	2.778	2.908	3.47	3.95	4.33	5.02	3.18	....	3.26	4.50	3.00	2.68
1963	3.157	3.253	3.67	4.00	4.26	4.86	3.23	5.89	3.55	4.50	3.23	3.18
1964	3.549	3.686	4.03	4.19	4.40	4.83	3.22	5.82	3.97	4.50	3.55	3.50
1965	3.954	4.055	4.22	4.28	4.49	4.87	3.27	5.81	4.38	4.54	4.04	4.07
1966	4.881	5.082	5.23	4.92	5.13	5.67	3.82	6.25	5.55	5.63	4.50	5.11
1967	4.321	4.630	5.03	5.07	5.51	6.23	3.98	6.46	5.10	5.61	4.19	4.22
1968	5.339	5.470	5.68	5.65	6.18	6.94	4.51	6.97	5.90	6.30	5.16	5.66
1969	6.677	6.853	7.02	6.67	7.03	7.81	5.81	7.80	7.83	7.96	5.87	8.20
1970	6.458	6.562	7.29	7.35	8.04	9.11	6.51	8.45	7.71	7.91	5.95	7.18
1971	4.348	4.511	5.65	6.16	7.39	8.56	5.70	7.74	5.11	5.72	4.88	4.66
1972	4.071	4.466	5.72	6.21	7.21	8.16	5.27	7.60	4.73	5.25	4.50	4.43
1973	7.041	7.178	6.95	6.84	7.44	8.24	5.18	7.96	8.15	8.03	6.44	8.73
1974	7.886	7.926	7.82	7.56	8.57	9.50	6.09	8.92	9.84	10.81	7.83	10.50
1975	5.838	6.122	7.49	7.99	8.83	10.61	6.89	9.00	6.32	7.86	6.25	5.82
1976	4.989	5.266	6.77	7.61	8.43	9.75	6.49	9.00	5.34	6.84	5.50	5.04
1977	5.265	5.510	6.69	7.42	8.02	8.97	5.56	9.02	5.61	6.83	5.46	5.54
1978	7.221	7.572	8.29	8.41	8.73	9.49	5.90	9.56	7.99	9.06	7.46	7.93
1979	10.041	10.017	9.72	9.44	9.63	10.69	6.39	10.78	[7]10.91	12.67	10.28	11.19
1980	11.506	11.374	11.55	11.46	11.94	13.67	8.51	12.66	12.29	15.27	11.77	13.36
1981	14.077	13.811	14.44	13.91	14.17	16.04	11.23	14.70	14.76	18.87	13.42	16.38
1982	10.686	11.084	12.92	13.00	13.79	16.11	11.57	15.14	11.89	14.86	11.02	12.26

BOND YIELDS AND INTEREST RATES, 1929-82

[Percent per annum]

Year or month	U.S. Treasury securities				Corporate bonds (Moody's)		High grade municipal bonds (Standard & Poor's)	New home mortgage yields (FHLBB)[3]	Prime commercial paper, 4-6 months	Prime rate charged by banks (high-low)[4]	Discount rate, Federal Reserve Bank of New York (high-low)[5]	Federal funds rate[6]
	Bills (new issues)[1]		Constant maturities[2]									
	3-month	6-month	3 years	10 years	Aaa	Baa						
1980:												
Jan.	12.036	11.851	10.88	10.80	11.09	12.42	7.21	11.87	12.66	15.25-15.25	12.00-12.00	13.82
Feb.	12.814	12.721	12.84	12.41	12.38	13.57	8.04	11.93	13.60	16.75-15.25	13.00-12.00	14.13
Mar.	15.526	15.100	14.05	12.75	12.96	14.45	9.09	12.62	16.50	19.50-16.75	13.00-13.00	17.19
Apr.	14.003	13.618	12.02	11.47	12.04	14.19	8.40	13.03	14.93	20.00-19.50	13.00-13.00	17.61
May	9.150	9.149	9.44	10.18	10.99	13.17	7.37	13.68	9.29	19.00-14.00	13.00-12.00	10.98
June	6.995	7.218	8.91	9.78	10.58	12.71	7.60	12.66	8.03	14.00-12.00	12.00-11.00	9.47
July	8.126	8.101	9.27	10.25	11.07	12.65	8.08	12.48	8.29	12.00-11.00	11.00-10.00	9.03
Aug.	9.259	9.443	10.63	11.10	11.64	13.15	8.62	12.25	9.61	11.50-11.00	10.00-10.00	9.61
Sept.	10.321	10.546	11.57	11.51	12.02	13.70	8.95	12.35	11.04	13.00-11.50	11.00-10.00	10.87
Oct.	11.580	11.566	12.01	11.75	12.31	14.23	9.11	12.61	12.32	14.50-13.50	11.00-11.00	12.81
Nov.	13.888	13.612	13.31	12.68	12.97	14.64	9.55	13.04	14.73	17.75-14.50	12.00-11.00	15.85
Dec.	15.661	14.770	13.65	12.84	13.21	15.14	10.09	13.28	16.49	21.50-17.75	13.00-12.00	18.90
1981:												
Jan.	14.724	13.883	13.01	12.57	12.81	15.03	9.65	13.26	15.10	21.50-20.00	13.00-13.00	19.08
Feb.	14.905	14.134	13.65	13.19	13.35	15.37	10.03	13.54	14.87	20.00-19.00	13.00-13.00	15.93
Mar.	13.478	12.983	13.51	13.12	13.33	15.34	10.12	14.02	13.59	19.00-17.50	13.00-13.00	14.70
Apr.	13.635	13.434	14.09	13.68	13.88	15.56	10.55	14.15	14.17	18.00-17.00	13.00-13.00	15.72
May	16.295	15.334	15.08	14.10	14.32	15.95	10.73	14.10	16.66	20.50-18.00	14.00-13.00	18.52
June	14.557	13.947	14.29	13.47	13.75	15.80	10.56	14.67	15.22	20.50-20.00	14.00-14.00	19.10
July	14.699	14.402	15.15	14.28	14.38	16.17	11.03	14.72	16.09	20.50-20.00	14.00-14.00	19.04
Aug.	15.612	15.548	16.00	14.94	14.89	16.34	12.13	15.27	16.62	20.50-20.50	14.00-14.00	17.82
Sept.	14.951	15.057	16.22	15.32	15.49	16.92	12.86	15.29	15.93	20.50-19.50	14.00-14.00	15.87
Oct.	13.873	14.013	15.50	15.15	15.40	17.11	12.67	15.65	14.72	19.50-18.00	14.00-14.00	15.08
Nov.	11.269	11.530	13.11	13.39	14.22	16.39	11.71	16.38	11.96	18.00-16.00	14.00-13.00	13.31
Dec.	10.926	11.471	13.66	13.72	14.23	16.55	12.77	15.87	12.14	15.75-15.75	13.00-12.00	12.37

BOND YIELDS AND INTEREST RATES, 1929-82

[Percent per annum]

Year or month	U.S. Treasury securities: Bills (new issues)[1]		U.S. Treasury securities: Constant maturities[2]		Corporate bonds (Moody's)		High grade municipal bonds (Standard & Poor's)	New home mortgage yields (FHLBB)[3]	Prime commercial paper, 4-6 months	Prime rate charged by banks (high-low)[4]	Discount rate, Federal Reserve Bank of New York (high-low)[6]	Federal funds rate[5]
	3-month	6-month	3 years	10 years	Aaa	Baa						
1982:												
Jan.	12.412	12.930	14.64	14.59	15.18	17.10	13.16	15.25	13.35	15.75-15.75	12.00-12.00	13.22
Feb.	13.780	13.709	14.73	14.43	15.27	17.18	12.81	15.12	14.27	17.00-15.75	12.00-12.00	14.78
Mar.	12.493	12.621	14.13	13.86	14.58	16.82	12.72	15.67	13.47	16.50-16.50	12.00-12.00	14.68
Apr.	12.821	12.861	14.18	13.87	14.46	16.78	12.45	15.84	13.64	16.50-16.50	12.00-12.00	14.94
May	12.148	12.220	13.77	13.62	14.26	16.64	11.99	15.89	13.02	16.50-16.50	12.00-12.00	14.45
June	12.108	12.310	14.48	14.30	14.81	16.92	12.42	15.40	13.79	16.50-16.50	12.00-12.00	14.15
July	11.914	12.236	14.00	13.95	14.61	16.80	12.11	15.70	13.00	16.50-15.50	12.00-11.50	12.59
Aug.	9.006	10.105	12.62	13.06	13.71	16.32	11.12	15.68	10.80	15.50-13.50	11.50-10.00	10.12
Sept.	8.196	9.539	12.03	12.34	12.94	15.63	10.61	14.98	10.86	13.50-13.50	10.00-10.00	10.31
Oct.	7.750	8.299	10.62	10.91	12.12	14.73	9.59	14.41	9.21	13.50-12.00	10.00-9.50	9.71
Nov.	8.042	8.319	9.98	10.55	11.68	14.30	9.97	13.81	8.72	12.00-11.50	9.50-9.00	9.20
Dec.	8.013	8.225	9.88	10.54	11.83	14.14	9.91	13.70	8.50	11.50-11.50	9.00-8.50	8.95

[1] Rate on new issues within period: bank-discount basis.

[2] Yields on the more actively traded issues adjusted to constant maturities by the Treasury Department.

[3] Effective rate (in the primary market) on conventional mortgages, reflecting fees and charges as well as contract rate and assuming on the average, repayment at end of 10 years. Rates beginning January 1973 not strictly comparable with prior rates.

[4] For monthly data, high and low for the period. Prime rate for 1929-33 and 1947-48 are ranges of the rate in effect during the period.

[5] Since July 19, 1975, the daily effective rate is an average of the rates on a given day weighted by the volume of transactions at these rates. Prior to that date, the daily effective rate was the rate considered most representative of the day's transactions, usually the one at which most transactions occurred.

[6] From October 30, 1942, to April 24, 1946, a preferential rate of 0.50 percent was in effect for advances secured by Government securities maturing in 1 year or less.

[7] Beginning November 1979, data are for 6-months paper.

FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT, FISCAL YEARS 1973-84

[Millions of dollars; fiscal years]

Description	Actual						
	1973	1974	1975	1976	Transition quarter	1977	1978
BUDGET RECEIPTS AND OUTLAYS:							
Total receipts	230,799	263,224	279,090	298,060	81,232	355,559	399,561
Federal Funds	161,357	181,219	187,505	201,099	54,085	241,312	270,490
Trust Funds	90,766	103,138	116,683	131,750	31,530	150,560	165,568
Interfund transactions	−21,325	−21,133	−25,098	−34,789	−4,383	−36,313	−36,498
Total outlays	245,647	267,912	324,245	364,473	94,188	400,506	448,368
Federal funds	186,951	199,918	240,081	269,921	65,088	295,756	331,991
Trust Funds	80,021	89,126	109,261	129,341	33,482	141,063	152,874
Interfund transactions	−21,325	−21,133	−25,098	−34,789	−4,383	−36,313	−36,498
Total surplus or dificit (—)	−14,849	−4,688	−45,154	−66,413	−12,956	−44,948	−48,807
Federal funds	−25,593	−18,699	−52,576	−68,822	−11,004	−54,444	−61,501
Trust funds	10,745	14,011	7,422	2,409	−1,952	9,496	12,694
OUTSTANDING DEBT, END OF PERIOD:							
Gross Federal debt	468,426	486,247	544,131	631,866	646,379	709,138	780,425
Held by Government agencies	125,381	140,194	147,225	151,566	148,052	157,295	169,477
Held by the public	343,045	346,053	396,906	480,300	498,327	551,843	610,948
Federal Reserve System	75,181	80,648	84,993	94,714	96,702	105,004	115,480
Other	267,863	265,405	311,913	385,586	401,625	446,839	495,468
BUDGET RECEIPTS	230,799	263,224	279,090	298,060	81,232	355,559	399,561
Individual income taxes	103,246	118,952	122,386	131,603	38,801	157,626	180,988
Corporation income taxes	36,153	38,620	40,621	41,409	8,460	54,892	59,952
Social insurance taxes and contributions	63,115	75,071	84,534	90,769	25,219	106,485	120,967
Excise taxes	16,260	16,844	16,551	16,963	4,473	17,548	18,376
Estate and gift taxes	4,917	5,035	4,611	5,216	1,455	7,327	5,285
Customs duties	3,188	3,334	3,676	4,074	1,212	5,150	6,573
Miscellaneous receipts:							
Deposits of earnings by Federal Reserve System	3,495	4,845	5,777	5,451	1,500	5,908	6,641
All other	425	523	935	2,576	111	623	778

FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT, FISCAL YEARS 1973-84

[Millions of dollars; fiscal years]

Description	Actual						
	1973	1974	1975	1976	Transition quarter	1977	1978
BUDGET OUTLAYS	245,647	267,912	324,245	364,473	94,188	400,506	448,368
National defense	74,541	77,781	85,552	89,430	22,307	97,501	105,186
International affairs	4,066	5,681	6,922	5,554	2,191	4,819	5,922
General science, space, and technology	4,030	3,977	3,989	4,370	1,161	4,677	4,742
Energy	1,179	837	2,169	3,127	794	4,172	5,861
Natural resources and environment	4,763	5,670	7,336	8,124	2,532	10,000	10,925
Agriculture	4,852	2,227	1,659	2,502	584	5,526	7,731
Commerce and housing credit	924	3,925	5,607	3,792	1,392	98	3,331
Transportation	9,065	9,172	10,388	13,435	3,304	14,636	15,445
Community and regional development	4,595	4,134	3,738	4,767	1,340	6,348	11,070
Education, training, employment, and social services	12,735	12,344	15,870	18,737	5,162	20,985	26,463
Health	17,405	20,364	25,742	31,503	8,181	36,582	41,232
Income security	72,965	84,437	108,576	127,390	32,797	137,900	146,180
Veterans benefits and services	12,013	13,386	16,597	18,432	3,962	18,038	18,974
Administration of justice	2,131	2,462	2,942	3,320	859	3,600	3,802
General government	2,568	3,243	3,133	2,948	883	3,169	3,706
General purpose fiscal assistance	7,351	6,890	7,187	7,235	2,092	9,499	9,601
Net interest	17,346	21,449	23,244	26,711	6,946	29,877	35,435
Allowances	....	....	....	....	....	....	....
Undistributed offsetting receipts	−6,882	−10,068	−6,408	−6,904	−2,296	−6,922	−7,242
Compostion of undistributed offsetting receipts:							
Employer share, employee retirement	−2,927	−3,319	−3,980	−4,242	−985	−4,548	−4,983
Rents and royalities on the Outer Continental Shelf	−3,956	−6,748	−2,428	−2,662	−1,311	−2,374	−2,259

FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT, FISCAL YEARS 1973-84

[Millions of dollars; fiscal years]

Description:	Actual				Estimates	
	1979	1980	1981	1982	1983	1984
BUDGET RECEIPTS AND OUTLAYS:						
Total receipts	463,302	517,112	599,272	617,766	597,494	659,702
Federal funds	316,366	350,856	410,422	409,253	376,945	404,745
Trust funds	186,988	210,930	239,413	268,407	314,755	330,210
Interfund transactions	-40,052	-44,674	-50,563	-59,894	-94,206	-75,253
Total outlays	490,997	576,675	657,204	728,375	805,202	848,483
Federal funds	362,396	419,220	475,171	526,113	603,047	610,467
Trust funds	168,653	202,129	232,596	262,155	296,361	313,269
Interfund transactions	-40,052	-44,674	-50,563	-59,894	-94,206	-75,253
Total surplus or deficit (—)	-27,694	-59,563	-57,932	-110,609	-207,708	-188,781
Federal funds	-46,030	-68,364	-64,749	-116,680	-226,102	-205,721
Trust funds	18,335	8,801	6,817	6,252	18,393	16,941
OUTSTANDING DEBT, END OF PERIOD:						
Gross Federal debt	833,751	914,317	1,003,941	1,146,987	1,383,744	1,606,339
Held by Government agencies	189,162	199,212	209,507	217,560	239,317	258,912
Held by the public	644,589	715,105	794,434	929,427	1,144,427	1,347,427
Federal Reserve System	115,594	120,846	124,466	134,497	....	....
Other	528,996	594,259	669,968	794,929	....	....
BUDGET RECEIPTS	463,302	517,112	599,272	617,766	597,494	659,702
Individual income taxes	217,841	244,069	285,917	297,744	285,194	295,589
Corporation income taxes	65,677	64,600	61,137	49,207	35,286	51,770
Social insurance taxes and contributions	138,939	157,803	182,720	201,498	210,313	242,937
Excise taxes	18,745	24,329	40,839	36,311	37,257	40,353
Estate and gift taxes	5,411	6,389	6,787	7,991	6,114	5,902
Customs duties	7,439	7,174	8,083	8,854	8,819	9,137
Miscellaneous receipts:						
Deposits of earnings by Federal Reserve System	8,327	11,767	12,834	15,186	13,406	12,819
All other	925	981	956	975	1,105	1,195

FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT, FISCAL YEARS 1973-84

[Millions of dollars; fiscal years]

Description:	Actual				Estimates	
	1979	1980	1981	1982	1983	1984
BUDGET OUTLAYS	490,997	576,675	657,204	728,375	805,202	848,483
National defense	117,681	135,856	159,765	187,418	214,769	245,305
International affairs	6,091	10,733	11,130	9,982	11,939	13,250
General Science, space, and technology	5,041	5,722	6,359	7,070	7,759	8,250
Energy	6,856	6,313	10,277	4,674	4,506	3,306
Natural Resources and environment	12,091	13,812	13,525	12,934	12,087	9,832
Agriculture	6,238	4,762	5,572	14,875	21,075	12,150
Commerce and housing credit	2,579	7,788	3,946	3,865	1,928	413
Transportation	17,479	21,120	23,381	20,560	21,876	25,145
Community and regional development	9,542	10,068	9,394	7,165	7,373	6,951
Education, training, employment, and social services	29,685	30,767	31,402	26,300	26,676	25,256
Health	46,962	55,220	65,982	74,017	82,362	90,647
Income security	160,159	193,100	225,101	248,343	282,472	282,422
Veterans benefits and services	19,928	21,183	22,988	23,955	24,411	25,724
Administration of justice	4,153	4,570	4,696	4,671	5,273	5,491
General government	4,093	4,505	4,614	4,726	5,794	5,993
General purpose fiscal assistance	8,372	8,584	6,856	6,393	6,382	6,968
Net interest	42,606	52,458	68,726	84,697	88,936	103,180
Allowances	....	....	....	....	....	949
Undistributed offsetting receipts	−8,538	−9,887	−16,509	−13,270	−20,414	−22,750
Composition of undistributed offsetting receipts:						
Employer share, employee retirement	−5,271	−5,787	−6,371	−7,020	−8,214	−9,853
Rents and royalties on the Outer Continental Shelf	−3,267	−4,101	−10,138	−6,250	−11,793	−11,895

Note.—Under provisions of the Congressional Budget Act of 1974, the fiscal year for the Federal Government shifted beginning with fiscal year 1977. Through Fiscal year 1976, the fiscal year was on a July 1-June 30 basis. Beginning October 1976 (fiscal year 1977), the fiscal year is on an October 1-September 30 basis. The period July 1, 1976 through September 30, 1976 is a separate fiscal period known as the transition quarter.

Refunds of receipts are excluded from receipts and outlays.

FEDERAL BUDGET RECEIPTS AND OUTLAYS, OFF-BUDGET OUTLAYS, AND DEBT, FISCAL YEARS 1929-84

[Billions of dollars]

	Budget					Gross Federal debt (end of period)	
Fiscal year:	Receipts	Outlays	Surplus or deficit (−)	Off-budget outlays	Budget and off-budget surplus or deficit (−)	Total	Held by the public
1929	3.9	3.1	.7	....	....	[1]16.9	....
1933	2.0	4.6	−2.6	....	....	[1]22.5	....
1939	5.0	8.8	−3.9	....	....	48.2	41.4
1940	6.4	9.5	−3.1	....	....	50.7	42.8
1941	8.6	13.6	−5.0	....	....	57.5	48.2
1942	14.4	35.1	−20.8	....	....	79.2	67.8
1943	23.6	78.5	−54.9	....	....	142.6	127.8
1944	44.3	91.3	−47.0	....	....	204.1	184.8
1945	45.2	92.7	−47.5	....	....	260.1	235.2
1946	39.3	55.2	−15.9	....	....	271.0	241.9
1947	38.4	34.5	3.9	....	....	257.1	224.3
1948	41.8	29.8	12.0	....	....	252.0	216.3
1949	39.4	38.8	.6	....	....	252.6	214.3
1950	39.5	42.6	−3.1	....	....	256.9	219.0
1951	51.6	45.5	6.1	....	....	255.3	214.3
1952	66.2	67.7	−1.5	....	....	259.1	214.8
1953	69.6	76.1	−6.5	....	....	266.0	218.4
1954	69.7	70.9	−1.2	....	....	270.8	224.5
1955	65.5	68.5	−3.0	....	....	274.4	226.6
1956	74.5	70.5	4.1	....	....	272.8	222.2
1957	80.0	76.7	3.2	....	....	272.4	219.4
1958	79.6	82.6	−2.9	....	....	279.7	226.4
1959	79.2	92.1	−12.9	....	....	287.8	235.0
1960	92.5	92.2	.3	....	....	290.9	237.2
1961	94.4	97.8	−3.4	....	....	292.9	238.6
1962	99.7	106.8	−7.1	....	....	303.3	248.4
1963	106.6	111.3	−4.8	....	....	310.8	254.5
1964	112.7	118.6	−5.9	....	....	316.8	257.6

FEDERAL BUDGET RECEIPTS AND OUTLAYS, OFF-BUDGET OUTLAYS, AND DEBT, FISCAL YEARS 1929-84

[Billions of dollars]

Fiscal year:	Budget			Off-budget outlays	Budget and off-budget surplus or deficit (−)	Gross Federal debt (end of period)	
	Receipts	Outlays	Surplus or deficit (−)			Total	Held by the public
1965	116.8	118.4	−1.6	....	....	323.2	261.6
1966	130.9	134.7	−3.8	....	....	329.5	264.7
1967	148.9	157.6	−8.7	....	....	341.3	267.5
1968	153.0	178.1	−25.2	....	....	369.8	290.6
1969	186.9	183.6	3.2	....	....	367.1	279.5
1970	192.8	195.7	−2.8	....	....	382.6	284.9
1971	187.1	210.2	−23.0	....	....	409.5	304.3
1972	207.3	230.7	−23.4	....	....	437.3	323.8
1973	230.8	245.6	−14.8	0.1	−14.9	468.4	343.0
1974	263.2	267.9	−4.7	1.4	−6.1	486.2	346.1
1975	279.1	324.2	−45.2	8.1	−53.2	544.1	396.9
1976	298.1	364.5	−66.4	7.3	−73.7	631.9	480.3
Transition quarter	81.2	94.2	−13.0	1.8	−14.7	646.4	498.3
1977	355.6	400.5	−44.9	8.7	−53.6	709.1	551.8
1978	399.6	448.4	−48.8	10.4	−59.2	780.4	610.9
1979	463.3	491.0	−27.7	12.5	−40.2	833.8	644.6
1980	517.1	576.7	−59.6	14.2	−73.8	914.3	715.1
1981	599.3	657.2	−57.9	21.0	−78.9	1,003.9	794.4
1982	617.8	728.4	−110.6	17.3	−127.9	1,147.0	929.4
1983[2]	597.5	805.2	−207.7	17.0	−224.8	1,383.7	1,144.4
1984[2]	659.7	848.5	−188.8	14.0	−202.8	1,606.3	1,347.4

[1] Not strictly comparable with later data.

[2] Estimates.

Note—Under provisions of the Congressional Budget Act of 1974, the fiscal year for the Federal Government shifted beginning with fiscal year 1977. Through fiscal year 1976, the fiscal year was on a July 1-June 30 basis; beginning October 1976 (fiscal year 1977), the fiscal year is on an October 1-September 30 basis. The 3-month period from July, 1976 through September 30, 1976 is a separate fiscal period known as the transition quarter.

Data for 1929-39 are according to the administrative budget and those beginning 1940 according to the unified budget.

Refunds of receipts are excluded from receipts and outlays.

See "Budget of the United States Government, Fiscal Year 1984" for additional information.

INTEREST-BEARING PUBLIC DEBT SECURITIES BY KIND OF OBLIGATION, 1967-82

[Millions of dollars]

End or year or month:	Total interest-bearing public debt securities	Marketable				Nonmarketable				
		Total	Treasury bills	Treasury notes	Treasury bonds[1]	Total	U.S. savings bonds	Foreign government and public series[2]	Government account series	Other[3]
Fiscal year:										
1967	322,286	210,672	58,535	49,108	97,418	111,614	51,213	1,514	56,155	2,731
1968	344,401	226,592	64,440	71,073	91,079	117,808	51,712	3,741	59,526	2,828
1969	351,729	226,107	68,356	78,946	78,805	125,623	51,711	4,070	66,790	3,051
1970	369,026	232,599	76,154	93,489	62,956	136,426	51,281	4,755	76,323	4,068
1971	396,289	245,473	86,677	104,807	53,989	150,816	53,003	9,280	82,784	5,759
1972	425,360	257,202	94,648	113,419	49,135	168,158	55,921	18,985	89,598	3,654
1973	456,353	262,971	100,061	117,840	45,071	193,382	59,418	28,524	101,738	3,701
1974	473,238	266,575	105,019	128,419	33,137	206,663	61,921	25,011	115,442	4,289
1975	532,122	315,606	128,569	150,257	36,779	216,516	65,482	23,216	124,173	3,644
1976	619,254	392,581	161,198	191,758	39,626	226,673	69,733	21,500	130,557	4,883
1977	697,629	443,508	156,091	241,692	45,724	254,121	75,411	21,799	140,113	16,797
1978	766,971	485,155	160,936	267,865	56,355	281,816	79,798	21,680	153,271	27,067
1979	819,007	506,693	161,378	274,242	71,073	312,314	80,440	28,115	176,360	27,400
1980	906,402	594,506	199,832	310,903	83,772	311,896	72,727	25,158	189,848	24,164
1981	996,495	683,209	223,388	363,643	96,178	313,286	68,017	20,499	201,052	23,718
1982	1,140,883	824,422	277,900	442,890	103,631	316,461	67,274	14,641	210,462	24,085
1981:										
Jan	929,825	628,482	220,423	321,176	86,883	301,343	71,057	23,804	182,197	24,287
Feb	946,455	642,905	228,972	324,540	89,393	303,550	70,443	23,986	185,020	24,102
Mar	963,207	661,142	235,315	336,505	89,323	302,065	70,057	24,162	183,833	24,015
Apr	962,779	657,906	225,849	341,052	91,006	304,873	69,518	24,411	186,979	23,965
May	964,792	656,185	224,514	338,419	93,252	308,608	69,229	24,789	190,839	23,750
June	969,921	660,769	218,786	348,788	93,196	309,152	68,934	23,514	192,962	23,741

INTEREST-BEARING PUBLIC DEBT SECURITIES BY KIND OF OBLIGATION, 1967-82

[Millions of dollars]

		Marketable				Nonmarketable				
End of year or month:	Total interest-bearing public debt securities	Total	Treasury bills	Treasury notes	Treasury bonds[1]	Total	U.S. savings bonds	Foreign government and public series[2]	Government account series	Other[3]
1981:										
July	972,053	666,405	217,532	354,005	94,868	305,647	68,719	21,943	191,647	23,339
Aug	978,920	673,765	219,854	357,603	96,308	305,155	68,355	21,431	192,060	23,310
Sept	996,495	683,209	223,388	363,643	96,178	313,286	68,017	20,499	201,052	23,718
Oct	999,451	689,578	229,061	362,649	97,867	309,874	67,718	20,471	198,053	23,632
Nov	1,011,936	704,819	233,905	370,794	100,119	307,117	67,739	20,309	195,541	23,529
Dec	1,027,300	720,293	245,015	375,332	99,946	307,007	67,837	19,025	196,665	23,480
1982:										
Jan	1,032,678	726,542	250,562	374,357	101,623	306,136	67,581	18,920	196,393	23,243
Feb	1,042,198	737,532	254,037	382,070	101,426	304,666	67,378	18,384	195,722	23,182
Mar	1,059,815	752,620	256,212	395,042	101,366	307,195	67,163	19,641	196,707	23,684
Apr	1,064,538	755,833	254,880	399,700	101,253	308,705	67,034	19,446	198,538	23,687
May	1,066,410	755,688	256,114	398,408	101,166	310,722	67,082	18,395	201,290	23,955
June	1,078,431	763,995	256,007	406,925	101,063	314,436	67,122	17,457	205,954	23,902
July	1,083,296	774,077	262,009	411,070	100,998	309,218	67,132	16,643	201,502	23,941
Aug	1,108,131	801,427	273,066	427,426	100,935	306,704	67,148	15,606	199,896	24,054
Sept	1,140,883	824,422	277,900	442,890	103,631	316,461	67,274	14,641	210,462	24,085
Oct	1,136,826	824,662	283,923	438,068	102,672	312,164	67,514	14,627	205,717	24,305
Nov	1,160,489	852,463	293,531	454,229	104,702	308,026	67,801	14,863	199,903	25,459
Dec	1,195,496	881,476	311,820	465,030	104,627	314,020	67,719	14,691	205,427	26,183

[1] Includes Treasury bonds and minor amounts of Panama Canal and postal savings bonds.

[2] Nonmarketable certificates of indebtedness, notes, bonds, and bills in the Treasury foreign series of dollar-denominated and foreign-currency denominated issues.

[3] Includes depository bonds, retirement plan bonds, Rural Electrification Administration bonds, State and local bonds, and special issues held only by U.S. Government agencies and trust funds and the Federal home loan banks.

[4] Includes $5,610 million in certificates not shown separately.

Note—Through fiscal year 1976, the fiscal year was on a July 1-June 30 basis; beginning October 1976 (fiscal year 1977) the fiscal year is on an October 1-September 30 basis.

ESTIMATED OWNERSHIP OF PUBLIC DEBT SECURITIES, 1967-82

[Par values;[1] billions of dollars]

	Public debt securities									
				Held by private investors						
End of year or month:	Total[2]	Held by Government accounts	Held by Federal Reserve Banks	Total[3]	Commercial banks[4]	Mutual savings banks and insurance companies	Corporations[5]	State and local governments[6]	Individuals[7]	Miscellaneous investors[3] [8]
Fiscal year:										
1967	322.9	71.8	46.7	204.4	55.5	13.2	11.0	23.6	70.4	30.7
1968	345.4	76.1	52.2	217.0	59.7	12.5	12.0	25.1	74.2	33.4
1969	352.9	84.8	54.1	214.0	55.3	11.6	11.1	26.4	77.3	32.3
1970	370.1	95.2	57.7	217.2	52.6	10.4	8.5	29.0	81.8	35.0
1971	397.3	102.9	65.5	228.9	61.0	10.3	7.4	25.9	75.4	49.1
1972	426.4	111.5	71.4	243.6	60.9	10.2	9.3	26.9	73.2	63.2
1973	457.3	123.4	75.0	258.9	58.8	9.6	9.8	28.8	75.9	76.0
1974	474.2	138.2	80.5	255.6	53.2	8.5	10.8	28.3	80.7	74.2
1975	533.2	145.3	84.7	303.2	69.0	10.6	13.8	31.7	86.8	91.3
1976	620.4	149.6	94.4	376.4	92.5	16.0	24.7	39.3	96.2	107.7
1977	698.8	155.5	104.7	438.6	99.8	20.5	21.2	48.2	106.5	142.4
1978	771.5	167.9	115.3	488.3	94.4	21.2	18.1	63.8	113.9	176.9
1979	826.5	187.7	115.5	523.4	92.5	21.5	22.1	66.5	115.5	205.3
1980	907.7	197.7	120.7	589.2	109.7	24.3	25.9	77.0	123.0	229.3
1981	997.9	208.1	124.3	665.4	112.2	26.2	37.8	86.2	140.3	262.7
1982	1,142.0	216.4	134.4	791.2	....	....	....	....	....	....
1981:										
Jan	934.1	189.5	117.2	627.4	117.2	25.5	30.4	77.3	134.2	242.8
Feb	950.5	192.0	118.9	639.6	116.4	25.3	35.2	80.4	136.2	246.1
Mar	964.5	190.9	119.0	654.6	117.5	23.7	40.0	82.3	138.6	252.5
Apr	964.0	193.9	119.7	650.4	113.5	23.7	40.4	83.6	138.2	251.0
May	968.5	197.8	118.3	652.3	113.2	25.3	38.8	85.1	139.9	250.0
June	971.2	199.9	120.0	651.2	113.3	24.0	38.7	83.0	139.6	252.6

ESTIMATED OWNERSHIP OF PUBLIC DEBT SECURITIES, 1967-82

[Par values;[1] billions of dollars]

	Public debt securities									
				Held by private investors						
End of year or month:	Total[2]	Held by Government accounts	Held by Federal Reserve Banks	Total[3]	Commercial banks[4]	Mutual savings banks and insurance companies	Corporations[5]	State and local governments[6]	Individuals[7]	Miscellaneous investors[3] [8]
1981:										
July	973.3	198.6	123.4	651.3	114.2	25.4	37.8	86.0	139.5	248.4
Aug	980.2	199.0	124.5	656.7	115.0	26.1	38.0	86.2	140.2	251.2
Sept	997.9	208.1	124.3	665.4	112.2	26.2	37.8	86.2	140.3	262.7
Oct	1,005.0	204.9	123.0	677.2	111.3	24.7	38.6	88.3	141.0	273.3
Nov	1,013.3	202.1	126.5	684.6	110.0	24.6	38.3	87.5	141.6	282.6
Dec	1,028.7	203.3	129.9	694.5	109.4	24.3	37.8	85.6	143.7	293.7
1982:										
Jan	1,038.4	202.8	128.3	707.3	111.4	24.9	37.9	86.2	144.1	302.8
Feb	1,048.2	201.1	126.2	720.8	111.8	24.1	37.5	88.2	144.7	314.5
Mar	1,061.3	202.5	125.6	733.3	114.3	25.6	37.5	88.3	146.5	321.1
Apr	1.065.7	204.3	134.3	727.1	110.1	26.8	36.5	88.5	145.7	319.5
May	1,071.7	206.7	129.8	735.2	109.4	27.2	38.8	91.8	146.2	321.8
June	1,079.6	211.7	127.0	740.9	117.0	27.9	38.9	91.2	146.2	319.7
July	1,089.6	206.3	133.8	749.6	110.0	28.2	39.9	88.7	146.4	336.4
Aug	1,109.2	206.5	132.9	769.8	....	....	....	....	....	....
Sept	1,142.0	216.4	134.4	791.2	....	....	....	....	....	....
Oct	1,142.8	211.0	132.1	799.7	....	....	....	....	....	....
Nov	1,161.7	203.9	137.7	820.1	....	....	....	....	....	....
Dec	1,197.1	209.4	139.9	849.4	....	...	....	....	....	....

[1] U.S. savings bonds, series A-F and J, and U.S. savings notes are included at current redemption value.

[2] As of July 31, 1974, public debt outstanding has been adjusted to exclude the notes of the International Monetary Fund to conform with the Budget presentation. This adjustment applies to the 1967-82 data in this table.

[3] For comparability with 1975-82 published data, published data for 1967-74 have been adjusted to exclude notes of the International Monetary Fund. These adjustments amounted to $3.3 billion in 1967, $2.2 billion in 1968, and $0.8 billion in each year 1969 through 1974. These adjustments were necessary in order to add to the total public debt figures as published by the Department of the Treasury. The Treasury Survey of Ownership on which private investor group estimates were based was discontinued in July 1982.

[4] Includes commercial banks, trust companies, and stock savings banks in the United States and Territories and island possessions; figures exclude securities held in trust departments.

[5] Exclusive of banks and insurance companies.

[6] Includes trust, sinking, and investment funds of State and local governments and their agencies, and of Territories and possessions.

[7] Includes partnerships and personal trust accounts.

[8] Includes savings and loan associations, nonprofit institutions, corporate pension trust funds, dealers and brokers, certain government deposit accounts and government-sponsored agencies, and investments of foreign balances and international accounts in the United States.

Note.—Through fiscal year 1976, the fiscal year was on a July 1—June 30 basis; beginning October 1976 (fiscal year 1977), the fiscal year is on an October 1—September 30 basis.

CORPORATE PROFITS OF MANUFACTURING INDUSTRIES, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

	Corporate profits with inventory valuation adjustment and without capital consumption adjustment												
		Durable goods							Nondurable goods				
Year or quarter	Total manufacturing	Total	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electric and electronic equipment	Motor vehicles and equipment	Other	Total	Food and kindred products	Chemicals and allied products	Petroleum and coal products	Other
1929	5.2	2.6	...	...	...	...	...	...	2.6	...	...	...	...
1933	−.4	−.4	...	...	...	...	...	...	.0	...	...	...	...
1939	3.3	1.7	...	...	...	...	...	...	1.7	...	...	...	...
1940	5.5	3.1	...	...	...	...	...	...	2.4	...	...	...	...
1941	9.5	6.4	...	...	...	...	...	...	3.1	...	...	...	...
1942	11.8	7.2	...	...	...	...	...	...	4.6	...	...	...	...
1943	13.8	8.1	...	...	...	...	...	...	5.7	...	...	...	...
1944	13.2	7.4	...	...	...	...	...	...	5.9	...	...	...	...
1945	9.7	4.5	...	...	...	...	...	...	5.2	...	...	...	...
1946	9.0	2.4	...	...	...	...	...	...	6.6	...	...	...	...
1947	13.6	5.8	...	...	...	...	...	...	7.8	...	...	...	...
1948	17.6	7.5	1.6	.8	1.2	.7	1.4	1.8	10.0	1.9	1.7	2.8	3.7
1949	16.2	8.1	1.5	.7	1.3	.8	2.1	1.7	8.1	1.6	1.8	1.9	2.8
1950	20.9	12.0	2.3	1.1	1.6	1.2	3.1	2.6	8.9	1.6	2.3	2.3	2.7
1951	24.6	13.2	3.1	1.3	2.3	1.3	2.4	2.8	11.4	1.4	2.8	2.7	4.4
1952	21.7	11.7	1.9	1.0	2.3	1.5	2.4	2.6	9.9	1.7	2.3	2.3	3.6
1953	22.0	11.9	2.5	1.0	1.9	1.4	2.6	2.6	10.1	1.8	2.2	2.8	3.3
1954	19.9	10.5	1.7	.9	1.7	1.2	2.1	2.9	9.4	1.6	2.2	2.7	2.9
1955	26.0	14.3	2.9	1.0	1.7	1.1	4.1	3.5	11.8	2.2	3.0	3.0	3.6
1956	24.7	12.8	3.0	1.1	2.1	1.2	2.2	3.2	11.9	1.8	2.8	3.3	4.1
1957	24.0	13.3	3.0	1.1	2.0	1.5	2.6	3.1	10.7	1.8	2.8	2.6	3.6
1958	19.4	9.3	1.9	.9	1.4	1.3	.9	2.9	10.0	2.1	2.5	2.1	3.3
1959	26.4	13.7	2.3	1.1	2.1	1.7	3.0	3.5	12.7	2.4	3.5	2.5	4.3
1960	23.6	11.6	2.0	.8	1.8	1.3	3.0	2.7	12.0	2.2	3.1	2.5	4.2
1961	23.3	11.4	1.6	1.0	1.9	1.3	2.5	3.1	11.9	2.3	3.2	2.2	4.1
1962	26.0	14.0	1.6	1.1	2.3	1.5	4.0	3.5	12.0	2.3	3.2	2.2	4.3
1963	29.3	16.3	2.0	1.3	2.5	1.6	4.9	4.0	13.1	2.7	3.6	2.1	4.6
1964	32.3	17.9	2.5	1.4	3.3	1.7	4.7	4.4	14.4	2.7	4.0	2.4	5.3
1965	39.3	23.0	3.1	2.0	3.9	2.7	6.2	5.1	16.3	2.8	4.6	2.9	6.0
1966	41.9	23.8	3.6	2.4	4.5	3.0	5.1	5.2	18.1	3.2	4.9	3.2	6.8
1967	38.5	20.9	2.7	2.4	4.1	2.9	3.9	4.9	17.6	3.2	4.3	3.9	6.3
1968	41.2	22.2	1.9	2.3	4.1	2.8	5.5	5.7	19.1	3.2	5.2	3.7	7.0
1969	36.6	18.9	1.4	2.0	3.7	2.3	4.7	4.9	17.7	3.0	4.5	3.2	6.9

CORPORATE PROFITS OF MANUFACTURING INDUSTRIES, 1929-82

[Billions of dollars; quarterly data at seasonally adjusted annual rates]

	Corporate profits with inventory valuation adjustment and without capital consumption adjustment													
		Durable goods							Nondurable goods					
Year or quarter:	Total manufacturing	Total	Primary metal industries	Fabricated metal products	Machinery, except electrical	Electric and electronic equipment	Motor vehicles and equipment	Other	Total	Food and kindred products	Chemicals and allied products	Petroleum and coal products	Other
1970	26.6	10.2	.8	1.1	2.9	1.2	1.2	2.9	16.5	3.2	3.9	3.5	5.9
1971	34.1	16.3	.7	1.5	2.9	1.9	5.0	4.3	17.8	3.5	4.4	3.5	6.4
1972	40.7	22.4	1.6	2.1	4.3	2.8	5.9	5.7	18.3	2.9	5.2	3.0	7.2
1973	45.5	24.3	2.2	2.5	4.6	3.0	5.7	6.2	21.2	2.4	6.0	5.0	7.8
1974	39.0	13.2	5.4	1.6	2.9	.4	.1	2.9	25.8	2.8	5.6	10.5	6.8
1975	52.6	18.9	2.9	3.0	4.7	2.1	1.9	4.3	33.6	8.6	6.5	9.6	8.9
1976	69.2	30.4	2.1	3.8	6.3	3.4	7.2	7.6	38.8	6.9	8.3	12.6	11.0
1977	78.3	38.1	1.1	4.4	8.8	5.6	9.4	8.8	40.2	6.8	7.9	11.6	13.8
1978	86.9	44.3	3.5	4.9	9.4	6.5	8.9	11.0	42.6	6.0	8.3	13.8	14.5
1979	85.6	37.1	3.5	5.2	8.9	5.1	4.7	9.8	48.4	5.7	7.1	20.7	14.8
1980	74.5	20.7	2.9	4.4	7.2	4.4	−5.0	6.8	53.8	6.2	6.7	28.0	13.0
1981	86.3	28.4	4.1	4.9	9.3	5.1	−1.1	6.2	57.9	8.7	8.2	26.6	14.4
1982	59.8	11.4	5.1	4.4	5.1	3.5	1.1	2.3	48.4	6.5	5.7	24.4	11.7
1980:													
I	85.2	25.5	4.7	5.4	7.2	5.2	−3.7	6.7	59.6	6.6	7.4	31.5	14.1
II	64.7	12.4	2.6	2.8	7.0	3.5	−10.6	7.1	52.3	5.5	5.5	29.1	12.2
III	70.0	18.2	.1	4.3	7.4	4.3	−4.1	6.3	51.8	4.9	6.6	27.7	12.7
IV	78.1	26.5	4.2	5.0	7.2	4.5	−1.4	7.1	51.6	7.6	7.4	23.5	12.9
1981:													
I	90.3	32.1	7.0	4.7	8.4	6.2	−2.6	8.4	58.2	10.4	9.4	23.5	14.9
II	88.9	35.2	4.7	6.0	9.2	4.9	2.6	7.8	53.7	8.5	7.5	23.3	14.4
III	92.2	27.4	4.1	5.4	9.6	4.8	−2.8	6.3	64.8	7.7	8.0	35.1	14.1
IV	73.7	18.9	.7	3.4	9.9	4.3	−1.8	2.4	54.7	8.1	7.8	24.7	14.1
1982:													
I	57.7	9.1	−3.1	4.4	8.3	3.6	−4.1	.0	48.6	6.7	6.5	25.4	10.0
II	56.6	12.7	−6.5	3.8	4.8	3.7	3.3	3.5	43.9	6.3	5.8	20.4	11.4
III	62.7	12.2	−5.4	4.7	3.7	3.2	3.2	2.7	50.5	7.0	5.1	25.9	12.5

Note—The industry classification is on a company basis and is based on the 1972 Standard Industrial Classification (SIC) beginning 1948, and on the 1942 SIC prior to 1948.

SALES, PROFITS, AND STOCKHOLDERS' EQUITY, ALL MANUFACTURING CORPORATIONS, 1950-82

[Billions of dollars]

Year or quarter	All manufacturing corporations				Durable goods industries				Nondurable goods industries			
		Profits				Profits				Profits		
	Sales (net)	Before income taxes[1]	After income taxes	Stock-holders' equity[2]	Sales (net)	Before income taxes[1]	After income taxes	Stock holders' equity[2]	Sales (net)	Before income taxes[1]	After income taxes	Stock-holders' equity[2]
1950	181.9	23.2	12.9	83.3	86.8	12.9	6.7	39.9	95.1	10.3	6.1	43.5
1951	245.0	27.4	11.9	98.3	116.8	15.4	6.1	47.2	128.1	12.1	5.7	51.1
1952	250.2	22.9	10.7	103.7	122.0	12.9	5.5	49.8	128.0	10.0	5.2	53.9
1953	265.9	24.4	11.3	108.2	137.9	14.0	5.8	52.4	128.0	10.4	5.5	55.7
1954	248.5	20.9	11.2	113.1	122.8	11.4	5.6	54.9	125.7	9.6	5.6	58.2
1955	278.4	28.6	15.1	120.1	142.1	16.5	8.1	58.8	136.3	12.1	7.0	61.3
1956	307.3	29.8	16.2	131.6	159.5	16.5	8.3	65.2	147.8	13.2	7.8	66.4
1957	320.0	28.2	15.4	141.1	166.0	15.8	7.9	70.5	154.1	12.4	7.5	70.6
1958	305.3	22.7	12.7	147.4	148.6	11.4	5.8	72.8	156.7	11.3	6.9	74.6
1959	338.0	29.7	16.3	157.1	169.4	15.8	8.1	77.9	168.5	13.9	8.3	79.2
1960	345.7	27.5	15.2	165.4	173.9	14.0	7.0	82.3	171.8	13.5	8.2	83.1
1961	356.4	27.5	15.3	172.6	175.2	13.6	6.9	84.9	181.2	13.9	8.5	87.7
1962	389.4	31.9	17.7	181.4	195.3	16.8	8.6	89.1	194.1	15.1	9.2	92.3
1963	412.7	34.9	19.5	189.7	209.0	18.5	9.5	93.3	203.6	16.4	10.0	96.3
1964	443.1	39.6	23.2	199.8	226.3	21.2	11.6	98.5	216.8	18.3	11.6	101.3
1965	492.2	46.5	27.5	211.7	257.0	26.2	14.5	105.4	235.2	20.3	13.0	106.3
1966	554.2	51.8	30.9	230.3	291.7	29.2	16.4	115.2	262.4	22.6	14.6	115.1
1967	575.4	47.8	29.0	247.6	300.6	25.7	14.6	125.0	274.8	22.0	14.4	122.6
1968	631.9	55.4	32.1	265.9	335.5	30.6	16.5	135.6	296.4	24.8	15.5	130.3
1969	694.6	58.1	33.2	289.9	366.5	31.5	16.9	147.6	328.1	26.6	16.4	142.3
1970	708.8	48.1	28.6	306.8	363.1	23.0	12.9	155.1	345.7	25.2	15.7	151.7
1971	751.1	52.9	31.0	320.8	381.8	26.5	14.5	160.4	369.3	26.5	16.5	160.5
1972	849.5	63.2	36.5	343.4	435.8	33.6	18.4	171.4	413.7	29.6	18.0	172.0
1973	1,017.2	81.4	48.1	374.1	527.3	43.6	24.8	188.7	489.7	37.8	23.3	185.4
1973: IV....	275.1	21.4	13.0	386.4	140.1	10.8	6.3	194.7	135.0	10.6	6.7	191.7

SALES, PROFITS, AND STOCKHOLDERS' EQUITY, ALL MANUFACTURING CORPORATIONS, 1950-82

[Billions of dollars]

Year or quarter	All manufacturing corporations				Durable goods industries				Nondurable goods industries			
		Profits				Profits				Profits		
	Sales (net)	Before income taxes[1]	After income taxes	Stock-holders' equity[2]	Sales (net)	Before income taxes[1]	After income taxes	Stock holders' equity[2]	Sales (net)	Before income taxes[1]	After income taxes	Stock-holders' equity[2]
New series:												
1973: IV	236.6	20.6	13.2	368.0	122.7	10.1	6.2	185.8	113.9	10.5	7.0	182.1
1974	1,060.6	92.1	58.7	395.0	529.0	41.1	24.7	196.0	531.6	51.0	34.1	199.0
1975	1,065.2	79.9	49.1	423.4	521.1	35.3	21.4	208.1	544.1	44.6	27.7	215.3
1976	1,203.2	104.9	64.5	462.7	589.6	50.7	30.8	224.3	613.7	54.3	33.7	238.4
1977	1,328.1	115.1	70.4	496.7	657.3	57.9	34.8	239.9	670.8	57.2	35.5	256.8
1978	1,496.4	132.5	81.1	540.5	760.7	69.6	41.8	262.6	735.7	62.9	39.3	277.9
1979	1,741.8	154.2	98.7	600.5	865.7	72.4	45.2	292.5	876.1	81.8	53.5	308.0
1980	1,912.8	145.8	92.6	668.1	889.1	57.4	35.6	317.7	1,023.7	88.4	56.9	350.4
1981	2,144.7	158.5	101.3	743.4	979.5	67.2	41.7	350.4	1,165.2	91.3	59.6	393.0
1979:												
I	406.6	36.5	22.7	576.2	207.5	18.8	11.4	281.9	199.1	17.7	11.2	294.3
II	436.4	42.6	26.8	592.5	222.6	21.6	13.3	289.3	213.8	21.1	13.5	303.2
III	437.5	38.2	24.7	609.2	213.6	16.4	10.3	296.5	223.9	21.9	14.4	312.6
IV	461.2	36.8	24.5	624.0	221.9	15.7	10.1	302.1	239.3	21.2	14.4	321.9
1980:												
I	465.7	39.5	24.8	643.9	219.8	15.8	9.7	308.0	245.9	23.7	15.1	335.9
II	466.3	35.9	22.4	658.1	218.7	13.5	8.2	312.6	247.6	22.4	14.2	345.5
III	464.2	33.2	21.0	670.5	212.6	11.9	7.2	317.2	251.6	21.3	13.7	353.3
IV	516.6	37.2	24.4	699.7	238.0	16.2	10.4	332.8	278.6	21.0	14.0	366.9
1981:												
I	520.8	39.0	24.4	718.4	234.1	16.7	10.1	339.4	286.7	22.3	14.2	379.1
II	549.6	45.6	28.9	739.4	257.2	20.7	12.7	349.7	292.4	24.9	16.2	389.7
III	539.9	40.0	25.2	753.5	245.1	16.4	10.3	354.2	294.8	23.5	14.9	399.4
IV	534.4	34.0	22.9	762.3	243.0	13.4	8.5	358.3	291.3	20.6	14.3	404.0
1982:												
I	501.0	28.9	19.0	756.5	226.4	10.8	6.8	353.0	274.6	18.1	12.2	403.5
II	520.1	30.9	20.0	764.1	240.3	12.7	8.2	356.5	279.8	18.2	11.8	407.6
III	507.1	27.8	17.8	774.3	225.3	8.5	5.3	360.1	281.8	19.3	12.5	414.2

[1] In the old series, "income taxes" refers to Federal income taxes only, as State and local income taxes had already been deducted. In the new series, no income taxes have been deducted.

[2] Annual data are average equity for the year (using four end-of-quarter figures).

Note—Data are not necessarily comparable from one period to another due to changes in accounting procedures, industry classifications, sampling procedures, etc. For explanatory notes concerning compilation of the series, see "Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations," Federal Trade Commission.

RELATION OF PROFITS AFTER TAXES TO STOCKHOLDERS' EQUITY AND TO SALES, ALL MANUFACTURING CORPORATIONS, 1947-82

	Ratio of profits after income taxes (annual rate) to stockholders' equity-percent[1]			Profits after income taxes per dollar of sales—cents		
Year or quarter:	All manufacturing corporations	Durable goods industries	Nondurable goods industries	All manufacturing corporations	Durable goods industries	Nondurable goods industries
1947	15.6	14.4	16.6	6.7	6.7	6.7
1948	16.0	15.7	16.2	7.0	7.1	6.8
1949	11.6	12.1	11.1	5.8	6.4	5.4
1950	15.4	16.9	14.1	7.1	7.7	6.5
1951	12.1	13.0	11.2	4.9	5.3	4.5
1952	10.3	11.1	9.7	4.3	4.5	4.1
1953	10.5	11.1	9.9	4.3	4.2	4.3
1954	9.9	10.3	9.6	4.5	4.6	4.4
1955	12.6	13.8	11.4	5.4	5.7	5.1
1956	12.3	12.8	11.8	5.3	5.2	5.3
1957	10.9	11.3	10.6	4.8	4.8	4.9
1958	8.6	8.0	9.2	4.2	3.9	4.4
1959	10.4	10.4	10.4	4.8	4.8	4.9
1960	9.2	8.5	9.8	4.4	4.0	4.8
1961	8.9	8.1	9.6	4.3	3.9	4.7
1962	9.8	9.6	9.9	4.5	4.4	4.7
1963	10.3	10.1	10.4	4.7	4.5	4.9
1964	11.6	11.7	11.5	5.2	5.1	5.4
1965	13.0	13.8	12.2	5.6	5.7	5.5
1966	13.4	14.2	12.7	5.6	5.6	5.6
1967	11.7	11.7	11.8	5.0	4.8	5.3
1968	12.1	12.2	11.9	5.1	4.9	5.2
1969	11.5	11.4	11.5	4.8	4.6	5.0
1970	9.3	8.3	10.3	4.0	3.5	4.5
1971	9.7	9.0	10.3	4.1	3.8	4.5
1972	10.6	10.8	10.5	4.3	4.2	4.4
1973	12.8	13.1	12.6	4.7	4.7	4.8
1973:IV	13.4	12.9	14.0	4.7	4.5	5.0

RELATION OF PROFITS AFTER TAXES TO STOCKHOLDERS' EQUITY AND TO SALES, ALL MANUFACTURING CORPORATIONS, 1947-82

	Ratio of profits after income taxes (annual rate) to stockholders' equity-percent[1]			Profits after income taxes per dollar of sales—cents		
Year or quarter:	All manufacturing corporations	Durable goods industries	Nondurable goods industries	All manufacturing corporations	Durable goods industries	Nondurable goods industries
New series:						
1973:IV	14.3	13.3	15.3	5.6	5.0	6.1
1974	14.9	12.6	17.1	5.5	4.7	6.4
1975	11.6	10.3	12.9	4.6	4.1	5.1
1976	13.9	13.7	14.2	5.4	5.2	5.5
1977	14.2	14.5	13.8	5.3	5.3	5.3
1978	15.0	16.0	14.2	5.4	5.5	5.3
1979	16.4	15.4	17.4	5.7	5.2	6.1
1980	13.9	11.2	16.3	4.8	4.0	5.6
1981	13.6	11.9	15.2	4.7	4.3	5.1
1979:						
I	15.7	16.2	15.3	5.6	5.5	5.6
II	18.1	18.4	17.8	6.1	6.0	6.3
III	16.3	14.0	18.4	5.7	4.8	6.4
IV	15.7	13.4	17.9	5.3	4.6	6.0
1980:						
I	15.4	12.6	18.0	5.3	4.4	6.1
II	13.6	10.6	16.4	4.8	3.8	5.7
III	12.5	9.1	15.6	4.5	3.4	5.5
IV	14.0	12.6	15.2	4.7	4.4	5.0
1981:						
I	13.6	12.0	15.0	4.7	4.3	5.0
II	15.6	14.6	16.6	5.3	4.9	5.5
III	13.4	11.6	14.9	4.7	4.2	5.1
IV	12.0	9.5	14.2	4.3	3.5	4.9
1982:						
I	10.1	7.7	12.1	3.8	3.0	4.4
II	10.5	9.2	11.6	3.9	3.4	4.2
III	9.2	5.9	12.1	3.5	2.4	4.4

[1] Annual ratios based on average equity for the year (using four end-of-quarter figures). Quarterly ratios based on equity at end of quarter only.

Note.—Based on data in millions of dollars.

CURRENT ASSETS AND LIABILITIES OF U.S. CORPORATIONS, 1939-82
[Billions of dollars]

End of year or quarter:	Current assets						Current liabilities				
	Total	Cash[1]	U.S. Government securities[2]	Notes and accounts receivable	Inventories	Other current assets	Total	Notes and accounts payable	Other current liabilities	Net working capital	Current ratio[3]
	All corporations[4]										
SEC series:[5]											
1939	54.5	10.8	2.2	22.1	18.0	1.4	30.0	21.9	8.1	24.5	1.817
1940	60.3	13.1	2.0	24.0	19.8	1.5	32.8	23.2	9.6	27.5	1.838
1941	72.9	13.9	4.0	28.0	25.6	1.4	40.7	26.4	14.3	32.3	1.791
1942	83.6	17.6	10.1	27.3	27.3	1.3	47.3	26.0	21.3	36.3	1.767
1943	93.8	21.6	16.4	26.9	27.6	1.3	51.6	26.3	25.3	42.1	1.818
1944	97.2	21.6	20.9	26.5	26.8	1.4	51.7	26.8	24.9	45.6	1.880
1945	97.4	21.7	21.1	25.9	26.3	2.4	45.8	25.7	20.1	51.6	2.127
1946	108.1	22.8	15.3	30.7	37.6	1.7	51.9	31.6	20.3	56.2	2.083
1947	123.6	25.0	14.1	38.3	44.6	1.6	61.5	37.6	23.9	62.1	2.010
1948	133.0	25.3	14.8	42.4	48.9	1.6	64.4	39.3	25.0	68.6	2.065
1949	133.1	26.5	16.8	43.0	45.3	1.4	60.7	37.5	23.3	72.4	2.193
1950	161.5	28.1	19.7	56.8	55.1	1.7	79.8	48.3	31.6	81.6	2.024
1951	179.1	30.0	20.7	61.5	64.9	2.1	92.6	54.9	37.8	86.5	1.934
1952	136.2	30.8	19.9	67.4	65.8	2.4	96.1	59.3	36.8	90.1	1.938
1953	190.6	31.1	21.5	68.5	67.2	2.4	98.9	59.5	39.4	91.8	1.927
1954	194.6	33.4	19.2	73.6	65.3	3.1	99.7	61.7	38.0	94.9	1.952
1955	224.0	34.6	23.5	88.9	72.8	4.2	121.0	76.1	45.0	103.0	1.851
1956	237.9	34.8	19.1	97.7	80.4	5.9	130.5	83.9	46.6	107.4	1.823
1957	244.7	34.9	18.6	102.2	82.2	6.7	133.1	86.6	46.5	111.6	1.838
1958	255.3	37.4	18.8	109.7	81.9	7.5	136.6	90.4	46.2	118.7	1.869
1959	277.3	36.3	22.8	120.6	88.4	9.1	153.1	101.0	52.0	124.2	1.811
1960	289.0	37.2	20.1	129.2	91.8	10.6	160.4	106.8	53.6	128.6	1.802
1961	306.8	41.1	20.0	139.2	95.2	11.4	171.2	114.6	56.6	135.6	1.792
	Nonfinancial corporations[6]										
SEC series:[5]											
1961	254.7	34.8	16.5	97.9	95.0	10,5	123.7	84.4	39.3	131.0	2.059
1962	269.7	37.1	16.8	103.2	100.5	12.1	132.4	88.7	43.7	137.3	2.037
1963	288.2	39.8	16.7	110.5	106.8	14.4	145.5	97.0	48.5	142.7	1.981
1964	305.6	40.5	15.8	119.9	113.1	16.3	156.6	104.9	51.7	149.0	1.951
1965	336.0	42.8	14.4	134.1	126.6	18.1	178.8	121.5	57.3	157.2	1.879
1966	364.0	41.9	13.0	146.6	142.8	19.7	199.4	137.5	61.9	164.6	1.825
1967	386.2	45.5	10.3	155.3	153.1	22.0	211.3	147.1	64.2	174.9	1.828
1968	426.5	48.2	11.5	173.9	166.0	26.9	244.1	168.8	75.3	182.4	1.747
1969	473.6	47.9	10.6	197.0	186.4	31.6	287.8	199.2	88.6	165.7	1.646
1970	492.3	50.2	7.7	206.1	193.3	35.0	304.9	211.3	93.6	187.4	1,615
1971	529.6	53.3	11.0	221.1	200.4	43.8	326.0	220.5	105.5	203.6	1.625
1972	599.3	59.0	10.6	248.2	225.7	55.8	375.6	282.9	92.7	223.7	1.595
1973	697.8	66.3	12.8	288.5	263.9	66.4	450.9	340.3	110.7	246.9	1.548
1974	790.7	71.1	12.3	322.1	313.6	71.7	530.4	402.3	128.1	260.3	1.491

CURRENT ASSETS AND LIABILITIES OF U.S. CORPORATIONS, 1939-82

[Billions of dollars]

End of year or quarter:	Current assets						Current liabilities			Net working capital	Current ratio[3]
	Total	Cash[1]	U.S. Government securities[2]	Notes and accounts receivable	Inventories	Other current assets	Total	Notes and accounts payable	Other current liabilities		
	All corporations[6]										
FTC-FRB series:[7]											
1974	735.4	73.2	11.1	265.8	319.5	65.9	453.4	269.8	183.6	282.0	1.622
1975	759.0	82.1	19.0	272.1	315.9	69.9	451.6	264.2	187.4	307.4	1.681
1976	827.4	88.2	23.5	292.9	342.5	80.3	495.1	282.1	213.0	332.4	1.671
1977	912.7	97.2	18.2	330.3	376.9	90.1	557.1	317.6	239.6	355.5	1.638
1978	1,043.7	105.5	17.3	388.0	431.6	101.3	669.3	382.9	286.4	374.4	1.559
1979	1,218.2	118.0	17.0	461.1	505.5	116.7	807.8	461.2	346.6	410.5	1.508
1980	1,333.5	127.1	19.3	510.6	543.7	132.7	890.9	515.2	375.7	442.6	1.497
1981	1,427.1	131.7	17.9	536.7	587.1	153.6	980.0	562.9	417.1	447.1	1.456
1981:											
I	1,374.5	126.6	19.2	528.0	560.2	140.5	923.2	520.3	402.9	451.3	1.489
II	1,388.3	126.2	19.9	533.1	565.3	143.8	931.5	525.9	405.5	456.8	1.490
III	1,410.9	125.1	18.0	542.4	577.0	148.3	967.2	549.5	417.7	443.7	1.459
IV	1,427.1	131.7	17.9	536.7	587.1	153.6	980.0	562.9	417.1	447.1	1,456
1982:											
I	1,423.6	121.3	17.1	537.8	593.8	153.6	985.7	555.0	430.8	437.9	1.444
II	1,419.4	123.4	17.4	534.4	589.2	155.0	982.6	554.9	427.8	436.8	1.445

[1] Includes time certificates of deposit.

[2] Includes Federal agency issues.

[3] Total current assets divided by total current liabilities

[4] Excludes banks, savings and loan associations, and insurance companies.

[5] Based on data from "Statistics of Income." Department of the Treasury.

[6] Excludes banks, savings and loan associations, insurance companies, investment companies, finance companies (personal and commercial), real estate companies, and security and commodity brokers, dealers and exchanges.

[7] Based on data from "Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations," Federal Trade Commission. See "Federal Reserve Bulletin" July 1978, for details regarding the series.

Note—SEC series not available after 1974.

STATE AND MUNICIPAL AND CORPORATE SECURITIES OFFERED, 1934—82

[Millions of dollars]

Year or quarter	State and municipal securities offered for cash (principal amounts)	Corporate securities offered for cash								
			Type of corporate security			Industry of corporate issuer				
		Total corporate offerings	Common stock	Preferred stock	Bonds and notes	Manufacturing[1]	Electric gas, and water[2]	Transportation[3]	Communication	Other
1934	939	397	19	6	372	67	133	176	....	21
1939	1,128	2,164	87	98	1,979	604	1,271	186	....	103
1940	1,238	2,677	108	183	2,386	992	1,203	324	....	159
1941	956	2,667	110	167	2,389	848	1,357	366	....	96
1942	524	1,062	34	112	917	539	472	48	....	4
1943	435	1,170	56	124	990	510	477	161	....	21
1944	661	3,202	163	369	2,670	1,061	1,422	609	....	109
1945	795	6,011	397	758	4,855	2,026	2,319	1,454	....	211
1946	1,157	6,900	891	1,127	4,882	3,701	2,158	711	....	329
1947	2,324	6,577	779	762	5,036	2,742	3,257	286	....	293
1948	2,690	7,078	614	492	5,973	2,226	2,187	755	902	1,008
1949	2,907	6,052	736	425	4,890	1,414	2,320	800	571	946
1950	3,532	6,362	811	631	4,920	1,200	2,649	813	399	1,300
1951	3,189	7,741	1,212	838	5,691	3,122	2,455	494	612	1,058
1952	4,401	9,534	1,369	564	7,601	4,039	2,675	992	760	1,068
1953	5,558	8,898	1,326	489	7,083	2,254	3,029	595	882	2,138
1954	6,969	9,516	1,213	816	7,488	2,268	3,713	778	720	2,037
1955	5,977	10,240	2,185	635	7,420	2,994	2,464	893	1,132	2,757
1956	5,446	10,939	2,301	636	8,002	3,647	2,529	724	1,419	2,619
1957	6,958	12,884	2,516	411	9,957	4,234	3,938	824	1,462	2,426
1958	7,449	11,558	1,334	571	9,653	3,515	3,804	824	1,424	1,991
1959	7,681	9,748	2,027	531	7,190	2,073	3,258	967	717	2,733
1960	7,230	10,154	1,664	409	8,081	2,152	2,851	718	1,050	3,383
1961	8,360	13,165	3,294	450	9,420	4,077	3,032	694	1,834	3,527
1962	8,558	10,705	1,314	422	8,969	3,249	2,825	567	1,303	2,761
1963	10,107	12,211	1,011	343	10,856	3,514	2,677	957	1,105	3,957
1964	10,544	13,957	2,679	412	10,865	3,046	2,760	982	2,189	4,980
1965	11,148	14,782	1,473	724	12,585	5,414	2,934	702	945	4,787
1966	11,089	17,385	1,901	580	14,904	7,056	3,666	1,494	2,003	3,167
1967	14,288	24,014	1,927	881	21,206	11,069	4,935	1,639	1,975	4,396
1968	16,374	21,261	3,885	636	16,740	6,958	5,293	1,564	1,775	5,671
1969	11,460	25,997	7,640	691	17,666	6,346	6,715	1,779	2,172	8,985

STATE AND MUNICIPAL AND CORPORATE SECURITIES OFFERED, 1934—82 (Continued)

[Millions of dollars]

Year or quarter	State and municipal securities offered for cash (principal amounts)	Corporate securities offered for cash								
			Type of corporate security			Industry of corporate issuer				
		Total corporate offerings	Common stock	Preferred stock	Bonds and notes	Manufacturing[1]	Electric gas, and water[2]	Transportation[3]	Communication	Other
1970	17,762	37,451	7,037	1,390	29,023	10,647	11,009	1,253	5,291	9,252
1971	24,370	43,229	9,485	3,683	30,061	11,651	11,721	1,148	5,840	12,867
1972	22,941	39,705	10,707	3,371	25,628	6,398	11,314	860	4,836	16,298
1973	22,953	31,680	7,642	3,341	20,700	4,832	10,269	811	4,872	10,897
1974	22,824	37,820	4,050	2,273	31,497	10,511	12,836	1,005	3,932	9,632
1975	29,326	53,632	7,414	3,459	42,759	18,652	15,893	3,637	4,466	10,983
1976	33,845	53,314	8,305	2,803	42,206	15,496	14,418	4,649	3,562	15,194
1977	45,060	54,229	8,047	3,916	42,266	13,757	13,704	3,218	4,443	19,113
1978	46,215	48,212	7,937	2,832	37,443	11,062	12,253	2,696	3,640	18,565
1979	42,261	53,093	8,706	3,530	40,857	11,563	13,736	3,297	4,694	19,803
1980	47,133	78,896	18,996	3,635	56,265	24,398	15,940	3,727	7,401	27,429
1981	46,134	72,503	25,107	1,788	45,606	17,395	14,495	2,779	6,158	31,676
1982: First 3 quarters	49,231	54,587	14,993	3,497	36,097	9,847	13,127	1,310	1,765	28,535
1981:										
I	9,159	16,681	5,011	804	10,865	5,577	3,269	858	1,354	5,623
II	13,361	23,758	9,647	437	13,674	6,044	4,516	1,211	2,294	9,693
III	9,882	11,529	5,093	267	6,168	1,862	2,986	410	1,807	4,464
IV	13,732	20,535	5,356	280	14,899	3,912	3,724	300	703	11,896
1982:										
I	12,770	15,572	4,657	582	10,333	2,348	4,269	399	519	8,037
II	17,627	15,960	5,800	1,126	9,034	1,771	4,372	280	556	8,978
III	18,834	23,055	4,536	1,789	16,730	5,728	4,486	631	690	11,520

[1] Prior to 1948, also includes extractive, radio broadcasting, airline companies, commercial, and miscellaneous company issues.

[2] Prior to 1948, also incudes telephone, street railway, and bus company issues.

[3] Prior to 1948, includes railroad issues only.

Note—Covers substantially all new issues of State, municipal, and corporate securities offered for cash sale in the United States in amounts over $100,000 and with terms to maturity of more than 1 year; excludes notes issued exclusively to commercial banks, intercorporate transactions, and issues to be sold over an extended period, such as employee-purchase plans. Close-end investment company issues are included beginning 1973.

BUSINESS FORMATION AND BUSINESS FAILURES, 1929-82

Year or month	Index of net business formation (1967 = 100)	New business incorporations (number)	Business failures[1]						
			Business failure rate[2]	Number of failures			Amount of current liabilities (millions of dollars)		
				Total	Liability size class		Total	Liability size class	
					Under $100,000	$100,000 and over		Under $100,000	$100,000 and over
1929	....	....	103.9	22,909	22,165	744	483.3	261.5	221.8
1933[3]	....	....	100.3	19,859	18,880	979	457.5	215.5	242.0
1939[3]	....	....	69.6	14,768	14,541	227	182.5	132.9	49.7
1940	....	....	63.0	13,619	13,400	219	166.7	119.9	46.8
1941	....	....	54.4	11,848	11,685	163	136.1	100.7	35.4
1942	....	....	44.6	9,405	9,282	123	100.8	80.3	20.5
1943	....	....	16.4	3,221	3,155	66	45.3	30.2	15.1
1944	....	....	6.5	1,222	1,176	46	31.7	14.5	17.1
1945	....	....	4.2	809	759	50	30.2	11.4	18.8
1946	....	132,916	5.2	1,129	1,003	126	67.3	15.7	51.6
1947	....	112,897	14.3	3,474	3,103	371	204.6	63.7	140.9
1948	104.8	96,346	20.4	5,250	4,853	397	234.6	93.9	140.7
1949	86.4	85,640	34.4	9,246	8,708	538	308.1	161.4	146.7
1950	90.8	93,092	34.3	9,162	8,746	416	248.3	151.2	97.1
1951	90.1	83,778	30.7	8,058	7,626	432	259.5	131.6	128.0
1952	94.5	92,946	28.7	7,611	7,081	530	283.3	131.9	151.4
1953	92.4	102,706	33.2	8,862	8,075	787	394.2	167.5	226.6
1954	90.8	117,411	42.0	11,086	10,226	860	462.6	211.4	251.2
1955	98.2	139,915	41.6	10,969	10,113	856	449.4	206.4	243.0
1956	95.4	141,163	48.0	12,686	11,615	1,071	562.7	239.8	322.9
1957	91.4	137,112	51.7	13,739	12,547	1,192	615.3	267.1	348.2
1958	91.1	150,781	55.9	14,964	13,499	1,465	728.3	297.6	430.7
1959	98.1	193,067	51.8	14,053	12,707	1,346	692.8	278.9	413.9
1960	94.5	182,713	57.0	15,445	13,650	1,795	938.6	327.2	611.4
1961	91.1	181,535	64.4	17,075	15,006	2,069	1,090.1	370.1	720.0
1962	92.8	182,057	60.8	15,782	13,772	2,010	1,213.6	346.5	867.1
1963	94.7	186,404	56.3	14,374	12,192	2,182	1,352.6	321.0	1,031.6
1964	98.0	197,724	53.2	13,501	11,346	2,155	1,329.2	313.6	1,015.6
1965	99.5	203,897	53.3	13,514	11,340	2,174	1,321.7	321.7	1,000.0
1966	98.9	200,010	51.6	13,061	10,833	2,228	1,385.7	321.5	1,064.1
1967	100.0	206,569	49.0	12,364	10,144	2,220	1,265.2	297.9	967.3
1968	107.6	233,635	38.6	9,636	7,829	1,807	941.0	241.1	899.9
1969	113.5	274,267	37.3	9,154	7,192	1,962	1,142.1	231.3	910.8

BUSINESS FORMATION AND BUSINESS FAILURES, 1929-82

Year or month	Index of net business formation (1967 = 100)	New business incorporations (number)	Business failures[1]						
				Number of failures			Amount of current liabilities (millions of dollars)		
					Liability size class			Liability size class	
			Business failure rate[2]	Total	Under $100,000	$100,000 and over	Total	Under $100,000	$100,000 and over
1970	107.1	264,209	43.8	10,748	8,019	2,729	1,887.8	269.3	1,618.4
1971	109.5	287,577	41.7	10,326	7,611	2,715	1,916.9	271.3	1,645.6
1972	115.5	316,601	38.3	9,566	7,040	2,526	2,000.2	258.8	1,741.5
1973	115.5	329,358	36.4	9,345	6,627	2,718	2,298.6	235.6	2,063.0
1974	111.2	319,149	38.4	9,915	6,733	3,182	3,053.1	256.9	2,796.3
1975	108.8	326,345	42.6	11,432	7,504	3,928	4,380.2	298.6	4,081.6
1976	117.2	375,766	34.8	9,628	6,176	3,452	3,011.3	257.8	2,753.4
1977	126.5	436,170	28.4	7,919	4,861	3,058	3,095.3	208.3	2,887.0
1978	132.9	478,019	23.9	6,619	3,712	2,907	2,656.0	164.7	2,491.3
1979	131.7	524,565	27.8	7,564	3,930	3,634	2,667.4	179.9	2,487.5
1980	121.1	533,520	42.1	11,742	5,682	6,060	4,635.1	272.5	4,362.6
1981	113.5	581,242	61.3	16,794	8,233	8,561	6,955.2	405.8	6,549.3
1981:									
Jan.	118.1	46,039	48.6	1,109	559	550	341.4	27.6	313.8
Feb.	117.1	48,588	47.8	1,133	546	587	789.2	25.7	763.5
Mar.	117.7	47,972	47.6	1,212	572	640	485.3	28.0	457.3
Apr.	118.0	49,413	61.8	1,557	736	821	536.9	44.8	492.1
May	115.4	48,997	62.0	1,464	730	734	428.2	35.1	393.1
June	114.6	49,172	60.8	1,408	711	697	408.5	32.3	376.3
July	113.1	49,038	65.9	1,432	739	693	619.5	37.7	581.8
Aug.	113.6	48,631	53.3	1,172	576	596	450.4	27.5	422.9
Sept.	111.5	48,450	87.0	1,777	879	898	752.3	42.6	709.7
Oct.	107.6	47,947	69.4	1,604	768	836	897.9	36.7	861.2
Nov.	108.8	49,413	65.7	1,368	655	713	618.8	30.7	588.1
Dec.	106.2	47,556	72.2	1,558	762	796	626.7	37.2	589.5
1982:[4]									
Jan.	(4)	43,330	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Feb.	(4)	47,234	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Mar.	(4)	46,899	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Apr.	(4)	46,876	(4)	(4)	(4)	(4)	(4)	(4)	(4)
May	(4)	46,995	(4)	(4)	(4)	(4)	(4)	(4)	(4)
June	(4)	45,936	(4)	(4)	(4)	(4)	(4)	(4)	(4)
July	(4)	44,525	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Aug.	(4)	46,981	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Sept.	(4)	45,552	(4)	(4)	(4)	(4)	(4)	(4)	(4)

[1] Commercial and industrial failures only. Excludes failures of banks and railroads and, beginning 1933, of real estate, insurance, holding, and financial companies, steamship lines, travel agencies, etc.

[2] Failure rate per 10,000 listed enterprises.

[3] Series revised; not strictly comparable with earlier data.

[4] Not available.

U.S. INTERNATIONAL TRANSACTIONS, 1946-82

[Millions of dollars; quarterly data seasonally adjusted, except as noted. Credits (+), debits (−)]

Year or quarter	Merchandise[1] [2]			Investment income[3]			Net military transactions	Net travel and transportation receipts	Other services, net[3]	Balance on goods and services[1] [4]	Remittances, pensions, and other unilateral transfers[1]	Balance on current account[1] [4]
	Exports	Imports	Net	Receipts	Payments	Net						
1946	11,764	−5,067	6,697	772	−212	560	−493	733	310	7,807	−2,922	4,885
1947	16,097	−5,973	10,124	1,102	−245	857	−455	946	145	11,617	−2,625	8,992
1948	13,265	−7,557	5,708	1,921	−437	1,484	−799	374	175	6,942	−4,525	2,417
1949	12,213	−6,874	5,339	1,831	−476	1,355	−621	230	208	6,511	−5,638	873
1950	10,203	−9,081	1,122	2,068	−559	1,509	−576	−120	242	2,177	−4,017	−1,840
1951	14,243	−11,176	3,067	2,633	−583	2,050	−1,270	298	254	4,399	−3,515	884
1952	13,449	−10,838	2,611	2,751	−555	2,196	−2,054	83	309	3,145	−2,531	614
1953	12,412	−10,975	1,437	2,736	−624	2,112	−2,423	−238	307	1,195	−2,481	−1,286
1954	12,929	−10,353	2,576	2,929	−582	2,347	−2,460	−269	305	2,499	−2,280	219
1955	14,424	−11,527	2,897	3,406	−676	2,730	−2,701	−297	299	2,928	−2,498	430
1956	17,556	−12,803	4,753	3,837	−735	3,102	−2,788	−361	447	5,153	−2,423	2,730
1957	19,562	−13,291	6,271	4,180	−796	3,384	−2,841	−189	482	7,107	−2,345	4,762
1958	16,414	−12,952	3,462	3,790	−825	2,965	−3,135	−633	486	3,145	−2,361	784
1959	16,458	−15,310	1,148	4,132	−1,061	3,071	−2,805	−821	573	1,166	−2,448	−1,282
1960	19,650	−14,758	4,892	4,616	−1,237	3,379	−2,752	−964	579	5,132	−2,308	2,824
1961	20,108	−14,537	5,571	4,999	−1,245	3,754	−2,596	−978	594	6,346	−2,524	3,822
1962	20,781	−16,260	4,521	5,618	−1,324	4,294	−2,449	−1,152	809	6,025	−2,638	3,387
1963	22,272	−17,048	5,224	6,157	−1,561	4,596	−2,304	−1,309	960	7,167	−2,754	4,414
1964	25,501	−18,700	6,801	6,824	−1,784	5,040	−2,133	−1,146	1,041	9,604	−2,781	6,823
1965	26,461	−21,510	4,951	7,437	−2,088	5,349	−2,122	−1,280	1,387	8,285	−2,854	5,432
1966	29,310	−25,493	3,817	7,528	−2,481	5,047	−2,935	−1,331	1,365	5,963	−2,932	3,031
1967	30,666	−26,866	3,800	8,020	−2,747	5,273	−3,226	−1,750	1,612	5,708	−3,125	2,583
1968	33,626	−32,991	635	9,368	−3,378	5,990	−3,143	−1,548	1,630	3,563	−2,952	611
1969	36,414	−35,807	607	10,912	−4,869	6,043	−3,328	−1,763	1,833	3,393	−2,994	399
1970	42,469	−39,866	2,603	11,747	−5,516	6,231	−3,354	−2,038	2,180	5,625	−3,294	2,331
1971	43,319	−45,579	−2,260	12,707	−5,436	7,271	−2,893	−2,345	2,495	2,269	−3,701	−1,433
1972	49,381	−55,797	−6,416	14,764	−6,572	8,192	−3,420	−3,063	2,766	−1,941	−3,854	−5,795
1973	71,410	−70,499	911	21,808	−9,655	12,153	−2,070	−3,158	3,184	11,021	−3,881	7,140
1974	98,306	−103,649	−5,343	27,587	−12,084	15,503	−1,653	−3,184	3,986	9,309	[5] −7,186	2,124
1975	107,088	−98,041	9,047	25,351	−12,564	12,787	−746	−2,792	4,598	22,893	−4,613	18,280
1976	114,745	−124,051	−9,306	29,286	−13,311	15,975	559	−2,558	4,711	9,382	−4,998	4,384
1977	120,816	−151,689	−30,873	32,179	−14,217	17,962	1,528	−3,293	5,224	−9,451	−4,617	−14,068
1978	142,054	−175,813	−33,759	42,245	−21,680	20,565	621	−3,125	5,955	−9,743	−5,030	−14,773
1979	184,473	−211,819	−27,346	64,129	−32,914	31,215	−2,035	−2,429	5,690	5,095	−5,561	−466

U.S. HOUSING STARTS

New Privately-Owned, Seasonally Adjusted Annual Rates
According to the U.S. Dept. of Commerce
(Thousands of Units)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	2,486	1,437	1,016	1,367	1,519	1,718	1,630	1,341	1,588	877
February	2,376	1,881	923	1,538	1,856	1,738	1,520	1,350	1,279	911
March	2,309	1,511	990	1,421	2,064	2,032	1,847	1,047	1,305	920
April	2,096	1,580	996	1,395	1,883	2,197	1,748	1,051	1,332	911
May	2,313	1,467	1,109	1,459	1,985	2,075	1,876	927	1,150	1,028
June	2,067	1,533	1,067	1,495	1,907	2,070	1,913	1,196	1,047	910
July	2,120	1,314	1,229	1,401	2,062	2,092	1,760	1,269	1,035	1,185
August	2,058	1,156	1,253	1,550	2,023	1,996	1,778	1,436	949	1,046
September	1,861	1,157	1,281	1,720	1,982	1,970	1,832	1,471	900	1,134
October	1,692	1,106	1,368	1,629	2,078	1,981	1,681	1,523	866	1,142
November	1,721	1,017	1,370	1,641	2,041	2,094	1,524	1,510	839	1,361
December	1,441	874	1,336	1,804	2,151	2,044	1,498	1,482	906	1,263

U.S. HOUSING PERMITS

Privately Owned, Seasonally Adjusted Annual Rates
According to the U.S. Dept. of Commerce
(Thousands of Units)

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
January	2,267	1,306	718	1,185	1,454	1,723	1,475	1,289	1,214	803
February	2,256	1,322	729	1,176	1,538	1,705	1,491	1,167	1,165	792
March	2,121	1,395	721	1,181	1,663	1,742	1,692	962	1,153	851
April	1,987	1,264	843	1,120	1,655	1,914	1,548	932	1,186	879
May	1,902	1,159	903	1,183	1,656	1,756	1,648	824	1,167	944
June	2,070	1,115	938	1,170	1,739	1,983	1,639	1,055	963	929
July	1,814	1,040	1,016	1,229	1,678	1,765	1,563	1,144	913	1,062
August	1,777	928	993	1,308	1,770	1,716	1,622	1,229	865	888
September	1,656	853	1,092	1,401	1,695	1,838	1,695	1,304	850	1,003
October	1,379	811	1,111	1,481	1,781	1,835	1,478	1,348	722	1,172
November	1,361	770	1,127	1,583	1,822	1,789	1,287	1,371	723	1,192
December	1,285	837	1,091	1,532	1,778	1,827	1,247	1,395	789	1,305

U.S. LUMBER PRODUCTION AND MILL STOCKS

According to National Forest Products Association (In Mil. Bd. Ft.)

	1980		1981		1982	
	Production	*Stocks	Production	*Stocks	Production	*Stocks
January	2,798	5,301	2,523	5,883	1,810	6,016
February	2,855	5,374	2,542	6,065	1,891	6,068
March	2,879	5,721	2,818	6,098	2,148	6,042
April	2,257	5,769	2,338	6,078	2,281	5,983
May	2,307	5,568	2,651	6,213	2,251	5,915
June	2,486	5,534	2,588	6,015	2,338	5,853
July	2,479	5,570	2,483	6,103	2,376	5,867
August	2,783	5,659	2,554	6,232	2,560	5,977
September	2,818	5,776	2,307	6,284	2,445	6,163
October	2,903	5,832	2,379	6,285	2,333	5,986
November	2,480	5,826	1,831	6,075	2,247	5,881
December	2,329	5,805	1,765	5,842	2,004	5,724

*End of month.

Section Six

CHARTS ON DAILY SETTLEMENT PRICE, MONTHLY VOLUME MONTHLY OPEN INTEREST

U.S. INTERNATIONAL TRANSACTIONS, 1946-82

[Millions of dollars; quarterly data seasonally adjusted, except as noted. Credits (+), debits (−)]

Year or quarter	Merchandise[1] [2]			Investment income[3]			Net military transactions	Net travel and transportation receipts	Other services, net[3]	Balance on goods and services[1] [4]	Remittances, pensions, and other unilateral transfers[1]	Balance on current account[1] [4]
	Exports	Imports	Net	Receipts	Payments	Net						
1980	224,237	−249,575	−25,338	72,686	−42,776	29,910	−2,471	−940	7,144	8,303	−6,783	1,520
1981	236,254	−264,143	−27,889	85,945	−52,908	33,037	−1,541	−231	7,702	11,079	−6,608	4,471
1980:												
I	54,752	−64,431	−9,679	19,944	−10,505	9,439	−931	−436	1,644	37	−1,837	−1,800
II	55,843	−62,363	−6,520	16,016	−10,268	5,748	−514	−216	1,808	306	−1,306	−1,000
III	55,786	−59,735	−3,949	17,848	−10,485	7,363	−286	−114	1,810	4,824	−1,444	3,380
IV	57,856	−63,046	−5,190	18,877	−11,519	7,358	−742	−174	1,879	3,131	−2,195	936
1981:												
I	60,683	−64,995	−4,312	20,528	−12,405	8,123	−487	−495	1,838	4,667	−1,422	3,245
II	60,284	−66,831	−6,547	21,642	−13,441	8,201	−587	−139	1,981	2,909	−1,510	1,399
III	57,694	−65,539	−7,845	22,048	−13,865	8,183	61	200	1,960	2,559	−1,808	751
IV	57,593	−66,778	−9,185	21,727	−13,198	8,529	−528	203	1,924	943	−1,870	−927
1982:												
I	55,780	−61,653	−5,873	20,890	−14,029	6,861	167	−66	2,034	3,123	−2,048	1,075
II	55,174	−60,869	−5,695	22,562	−14,874	7,688	247	−319	2,050	3,971	−1,740	2,231
IIIp	52,480	−64,938	−12,458	21,880	−14,462	7,418	527	−201	2,140	−2,574	−1,653	−4,227

[1] Excludes military.

[2] Adjusted from Census data for differences in valuation, coverage, and timing.

[3] Fees and royalties from U.S. direct investments abroad or from foreign direct investments in the United States are excluded from investment income and included in other services, net.

[4] In concept, balance on goods and services is equal to net exports and imports in the national income and product accounts (and the sum of balance on current account and allocations of special drawing rights is equal to net foreign investment in the accounts), although the series differ because of different handling of certain items (gold, extraordinary military shipments, etc.), revisions, etc.

[5] Includes extraordinary U.S. Goverment transactions with India.

U.S. INTERNATIONAL TRANSACTIONS, 1946-82

[Millions of dollars; quarterly data seasonally adjusted, except as noted]

	U.S. assets abroad, net [increase/capital outflow (−)]				Foreign assets in the U.S. net [increase/capital inflow (+)]				Statistical discrepancy	
Year or quarter	Total	U.S. official reserve assets[1]	Other U.S. Government assets	U.S. private assets	Total	Foreign official assets	Other foreign assets	Allocations of special drawing rights (SDRs)	Total (sum of the items with sign reversed)	Of which: Seasonal adjustment discrepancy
1946	....	−623	....	....	....	....	....	....	....	....
1947	....	−3,315	....	....	....	....	....	....	....	....
1948	....	−1,736	....	....	....	....	....	....	....	....
1949	....	−266	....	....	....	....	....	....	....	....
1950	....	1,758	....	....	....	....	....	....	....	....
1951	....	−33	....	....	....	....	....	....	....	....
1952	....	−415	....	....	....	....	....	....	....	....
1953	....	1,256	....	....	....	....	....	....	....	....
1954	....	480	....	....	....	....	....	....	....	....
1955	....	182	....	....	....	....	....	....	....	....
1956	....	−869	....	....	....	....	....	....	....	....
1957	....	−1,165	....	....	....	....	....	....	....	....
1958	....	2,292	....	....	....	....	....	....	....	....
1959	....	1,035	....	....	....	....	....	....	....	....
1960	−4,099	2,145	−1,100	−5,144	2,294	1,473	821	....	−1,019	....
1961	−5,538	607	−910	−5,235	2,705	765	1,939	....	−989	....
1962	−4,174	1,535	−1,085	−4,623	1,911	1,270	641	....	−1,124	....
1963	−7,270	378	−1,662	−5,986	3,217	1,986	1,231	....	−360	....
1964	9,560	171	−1,680	−8,050	3,643	1,660	1,983	....	−907	....
1965	−5,716	1,225	−1,605	−5,336	742	134	607	....	−458	....
1966	−7,321	570	−1,543	−6,347	3,661	−672	4,333	....	629	....
1967	−9,757	53	−2,423	−7,386	7,379	3,451	3,928	....	205	....
1968	−10,977	−870	−2,274	−7,833	9,928	−774	10,703	....	438	....
1969	−11,585	−1,179	−2,200	−8,206	12,702	−1,301	14,002	....	−1,516	....
1970	−9,337	2,481	−1,589	−10,229	6,359	6,908	−550	867	−219	....
1971	−12,475	2,349	−1,884	−12,940	22,970	26,879	−3,909	717	−9,779	....
1972	−14,497	−4	−1,568	−12,925	21,461	10,475	10,986	710	−1,879	....
1973	−22,874	158	−2,644	−20,388	18,388	6,026	12,362	....	−2,654	....
1974	−34,745	−1,467	[5]366	−33,643	34,241	10,546	23,696	....	−1,620	....

U.S. INTERNATIONAL TRANSACTIONS, 1946-82

[Millions of dollars; quarterly data seasonally adjusted, except as noted]

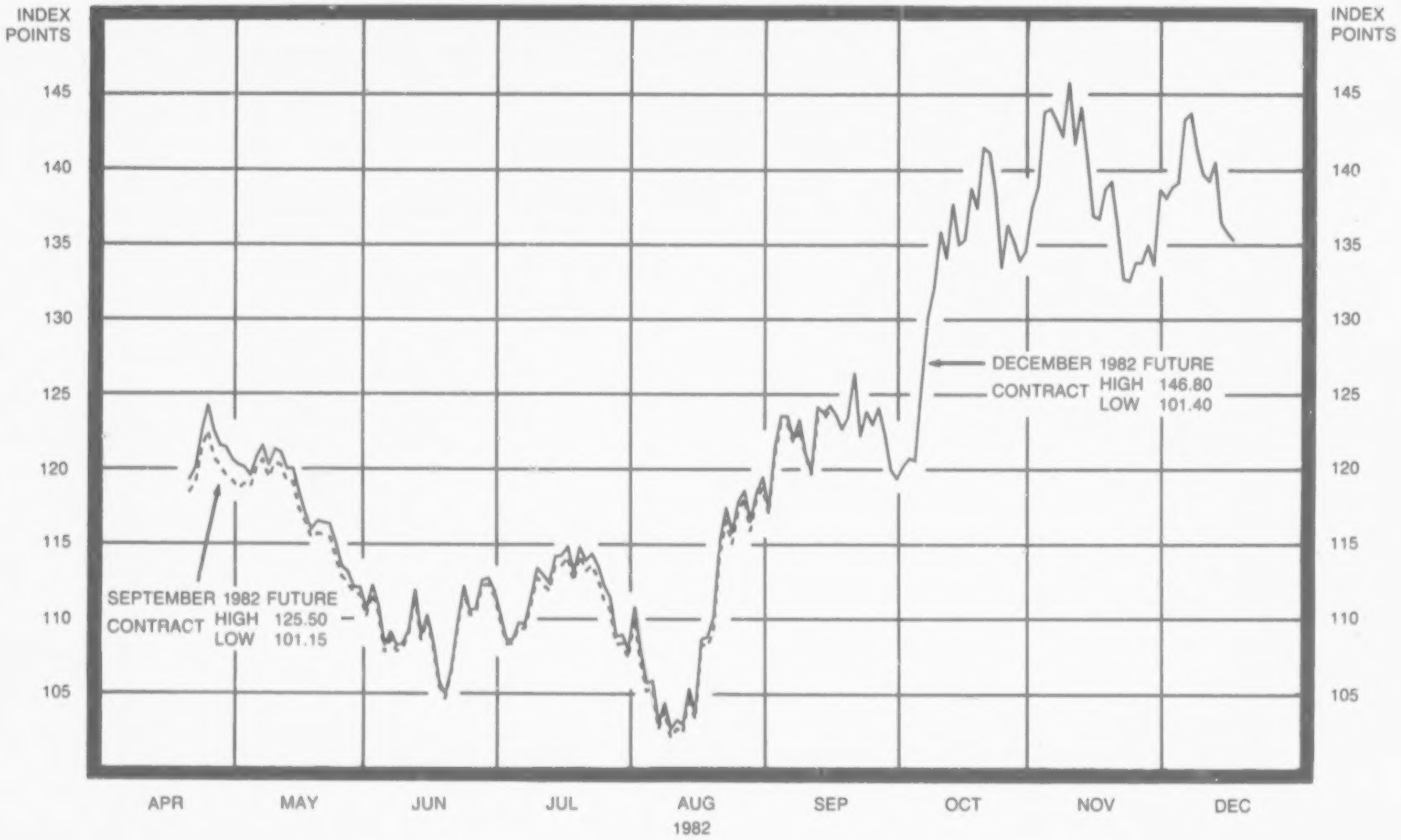
Year or quarter	U.S. assets abroad, net [increase/capital outflow (−)]				Foreign assets in the U.S. net [increase/capital inflow (+)]			Allocations of special drawing rights (SDRs)	Statistical discrepancy	
	Total	U.S. official reserve assets[6]	Other U.S. Government assets	U.S. private assets	Total	Foreign official assets	Other foreign assets		Total (sum of the items with sign reversed)	Of which: Seasonal adjustment discrepancy
1975	−39,703	−849	−3,474	−35,380	15,670	7,027	8,643	....	5,753	....
1976	−51,269	−2,558	−4,214	−44,498	36,518	17,693	18,826	....	10,367	....
1977	−34,785	−375	−3,693	−30,717	51,319	36,816	14,503	....	−2,465	....
1978	−61,130	732	−4,660	−57,202	64,036	33,678	30,358	....	11,866	....
1979	−64,344	−1,133	−3,743	−59,469	38,460	−13,697	52,157	1,139	25,212	....
1980	−86,026	−8,155	−5,126	−72,746	54,484	15,442	39,042	1,152	28,870	....
1981	−109,294	−5,175	−5,137	−98,982	77,921	4,785	73,136	1,093	25,809	....
1980:										
I	−12,916	−3,268	−1,438	−8,210	7,865	−7,421	15,286	1,152	5,700	−643
II	−24,962	502	−1,143	−24,321	8,616	7,644	972	....	17,346	795
II	−19,635	−1,109	−1,390	−17,136	12,647	7,541	5,106	....	3,608	−2,754
IV	−28,512	−4,279	−1,154	−23,079	25,356	7,678	17,677	....	2,219	2,605
1981:										
I	−22,796	−4,529	−1,375	−16,892	8,470	5,361	3,109	1,093	9,988	−829
II	−21,566	−905	−1,518	−19,143	13,464	−2,861	16,324	....	6,703	503
III	−17,257	−4	−1,257	−15,996	16,880	−5,835	22,715	....	−374	−2,144
IV	−47,677	262	−987	−46,952	39,107	8,119	30,988	....	9,497	2,474
1982:										
I	−31,201	−1,089	−904	−29,208	25,080	−3,122	28,202	....	5,045	−899
II	−37,790	−1,132	−1,547	−35,111	29,619	1,998	27,621	....	5,940	574
III*p*	−26,364	−794	−2,418	−23,152	16,054	2,102	13,952	....	14,537	−1,973

[6] Consists of gold, special drawing rights, convertible currencies, and the U.S. reserve position in the International Monetary Fund (IMF).

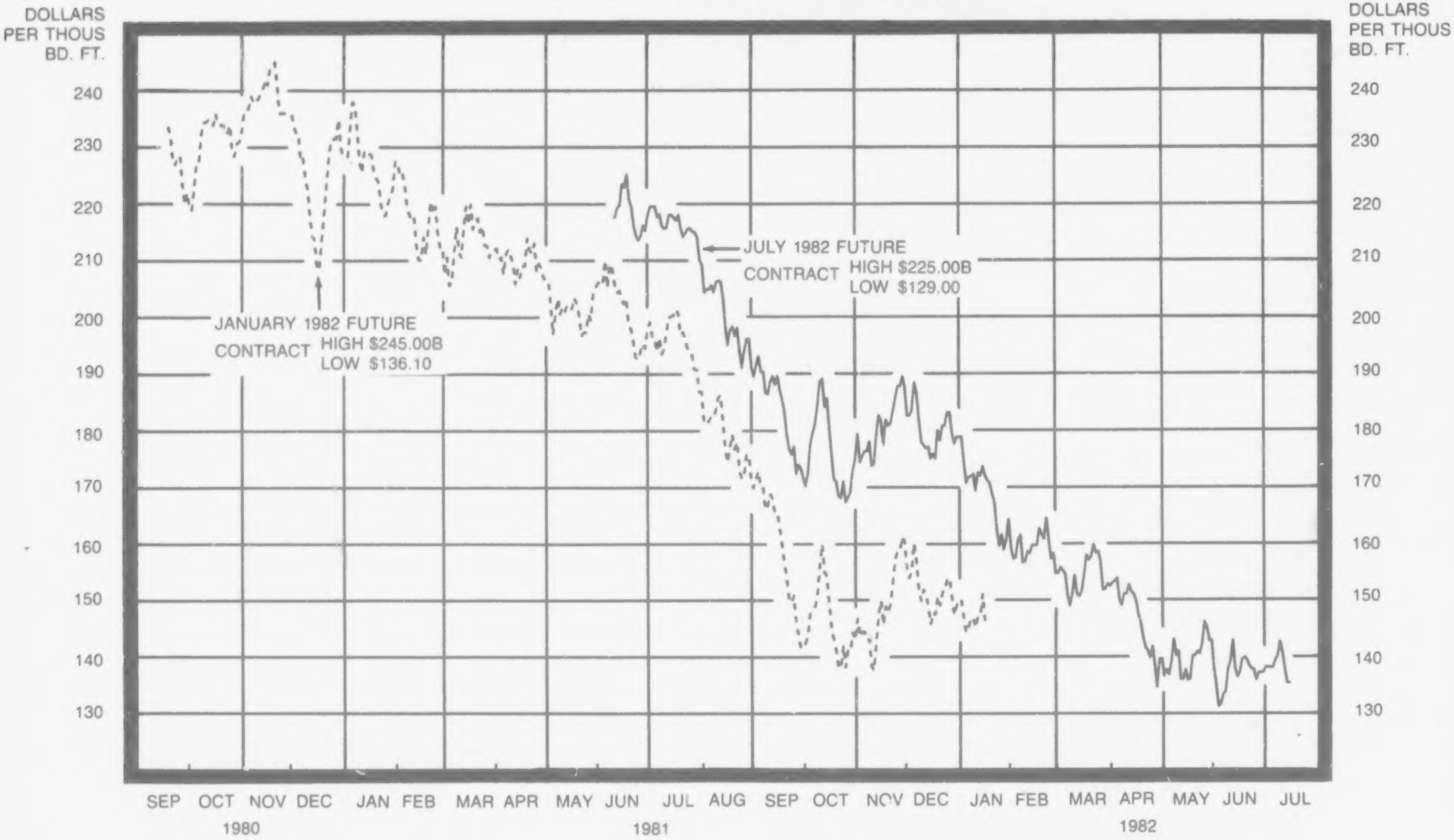
Note—Quarterly data for U.S. official reserve assets and foreign assets in the United States are not seasonally adjusted.

P—Preliminary

DAILY SETTLEMENT PRICES OF THE SEPTEMBER AND DECEMBER 1982
STANDARD & POORS 500 STOCK INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET



DAILY SETTLEMENT PRICES OF THE JANUARY AND JULY 1982 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET



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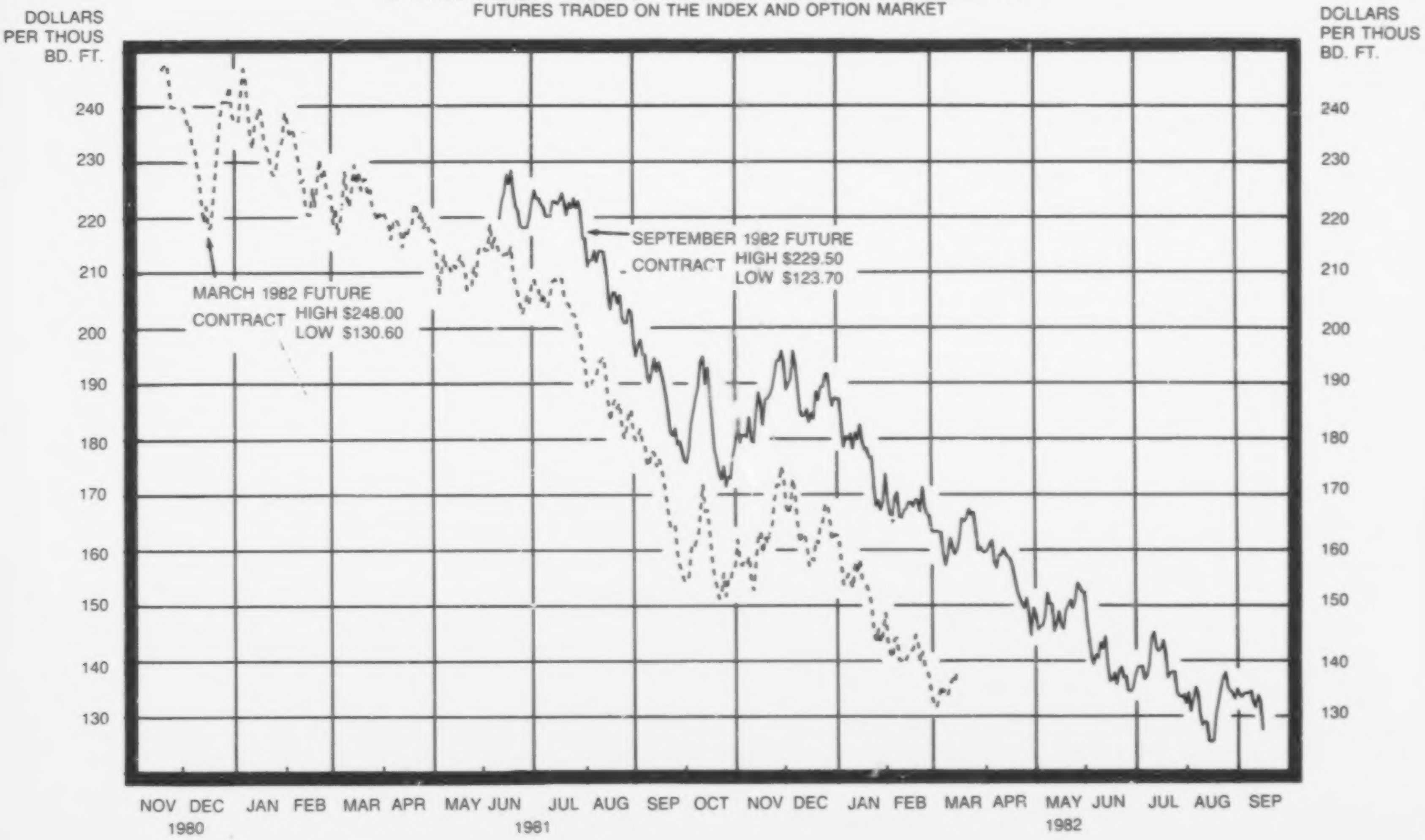
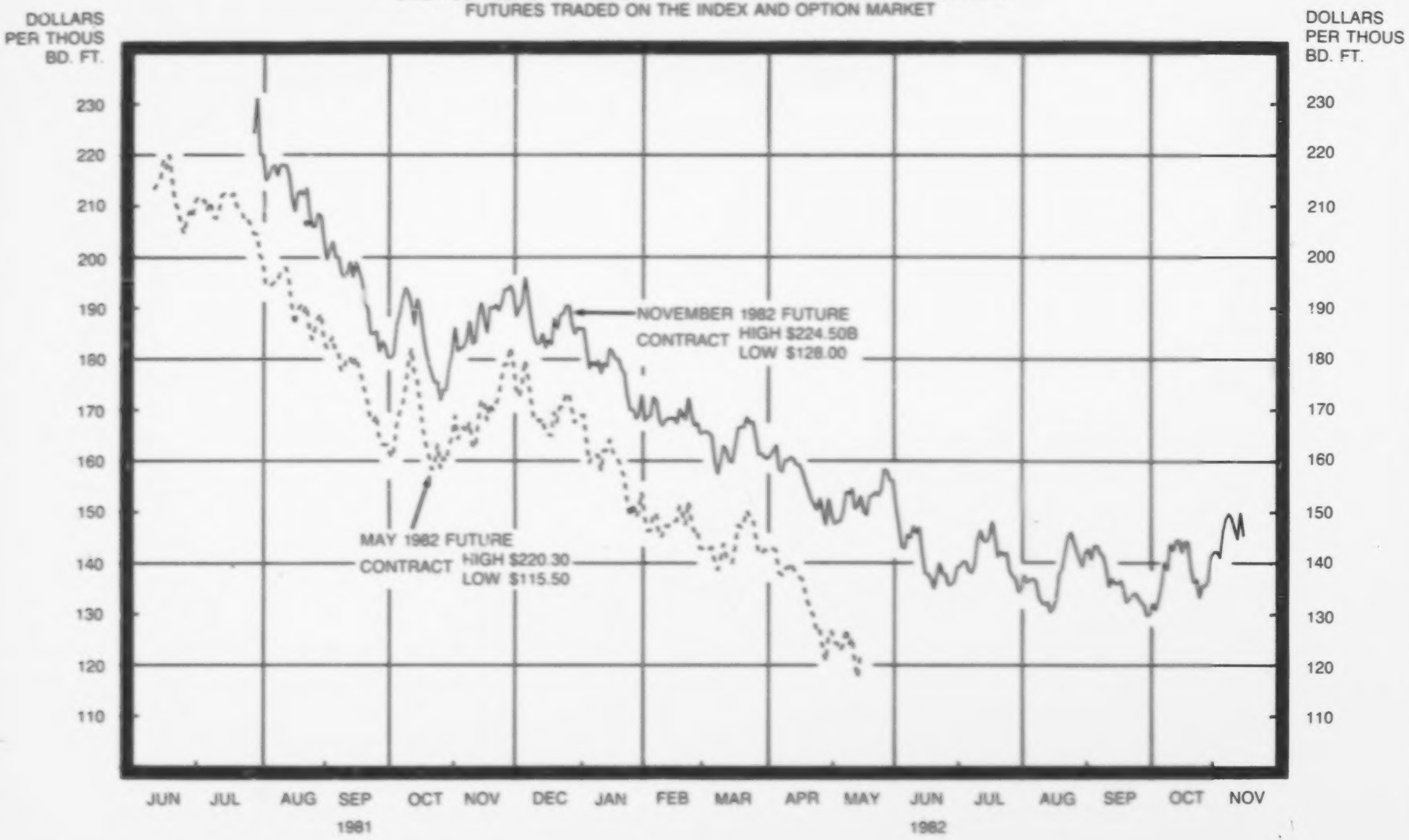
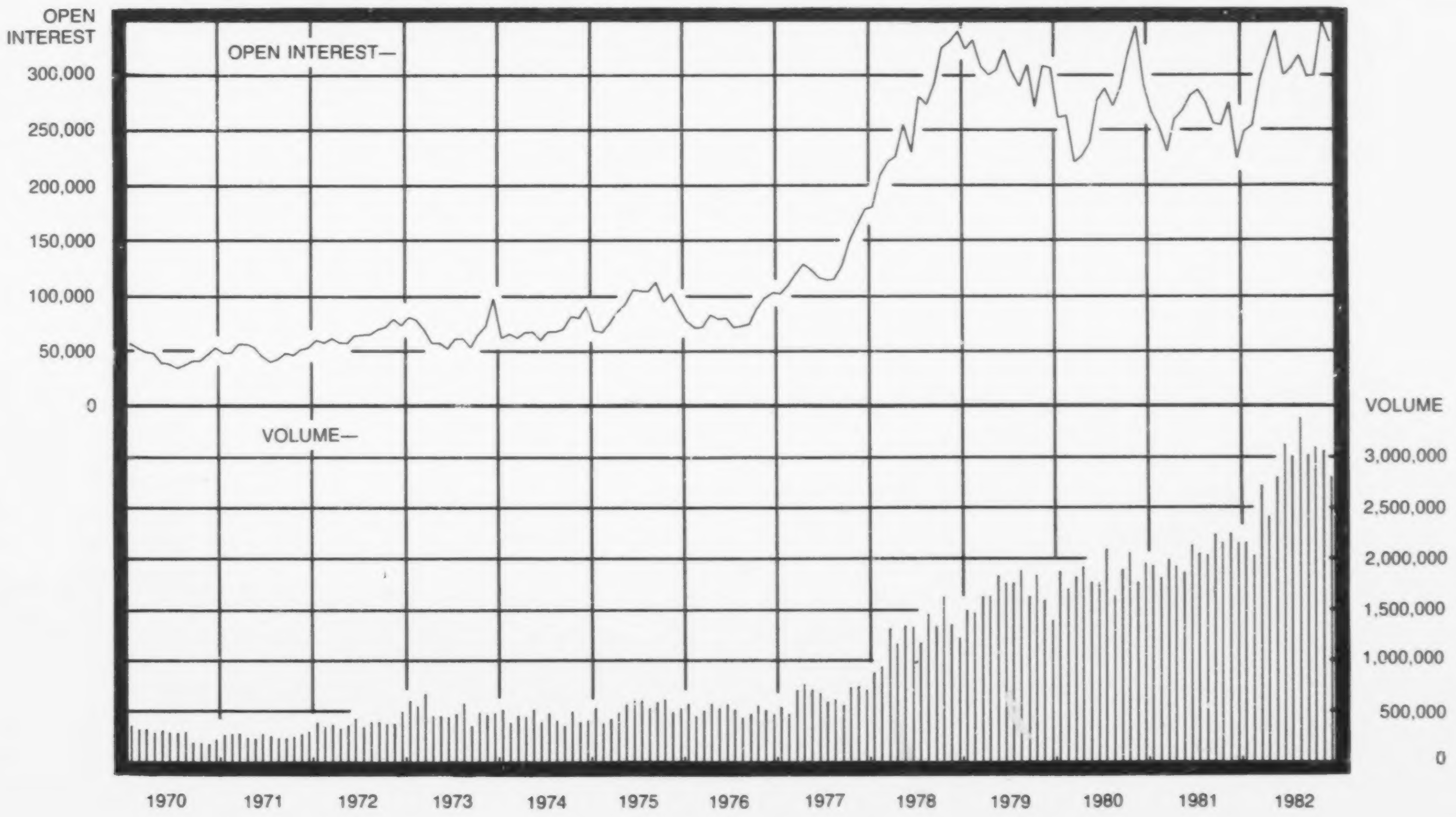
DAILY SETTLEMENT PRICES OF THE MARCH AND SEPTEMBER 1982 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET



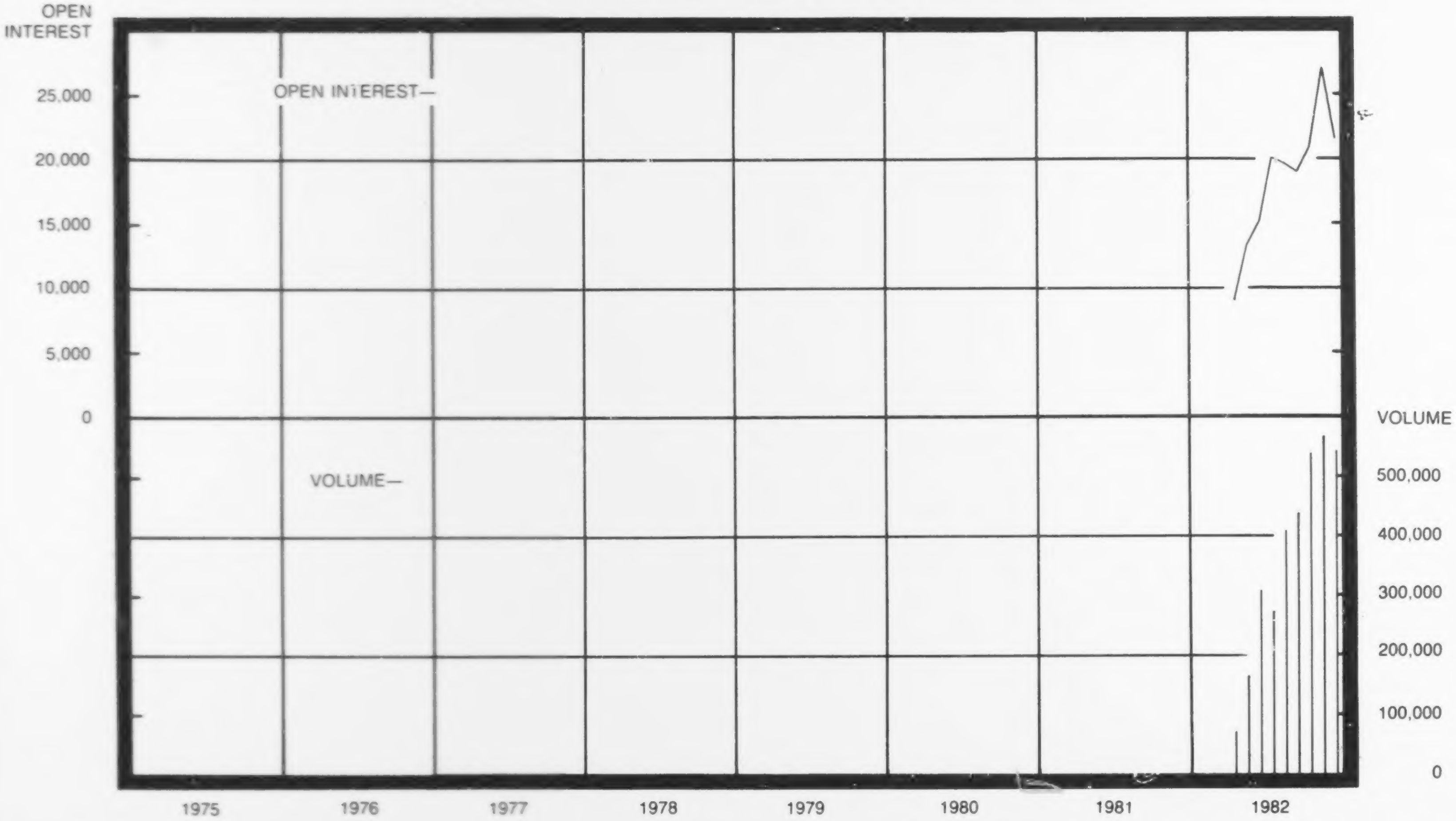
DAILY SETTLEMENT PRICES OF THE MAY AND NOVEMBER 1982 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET



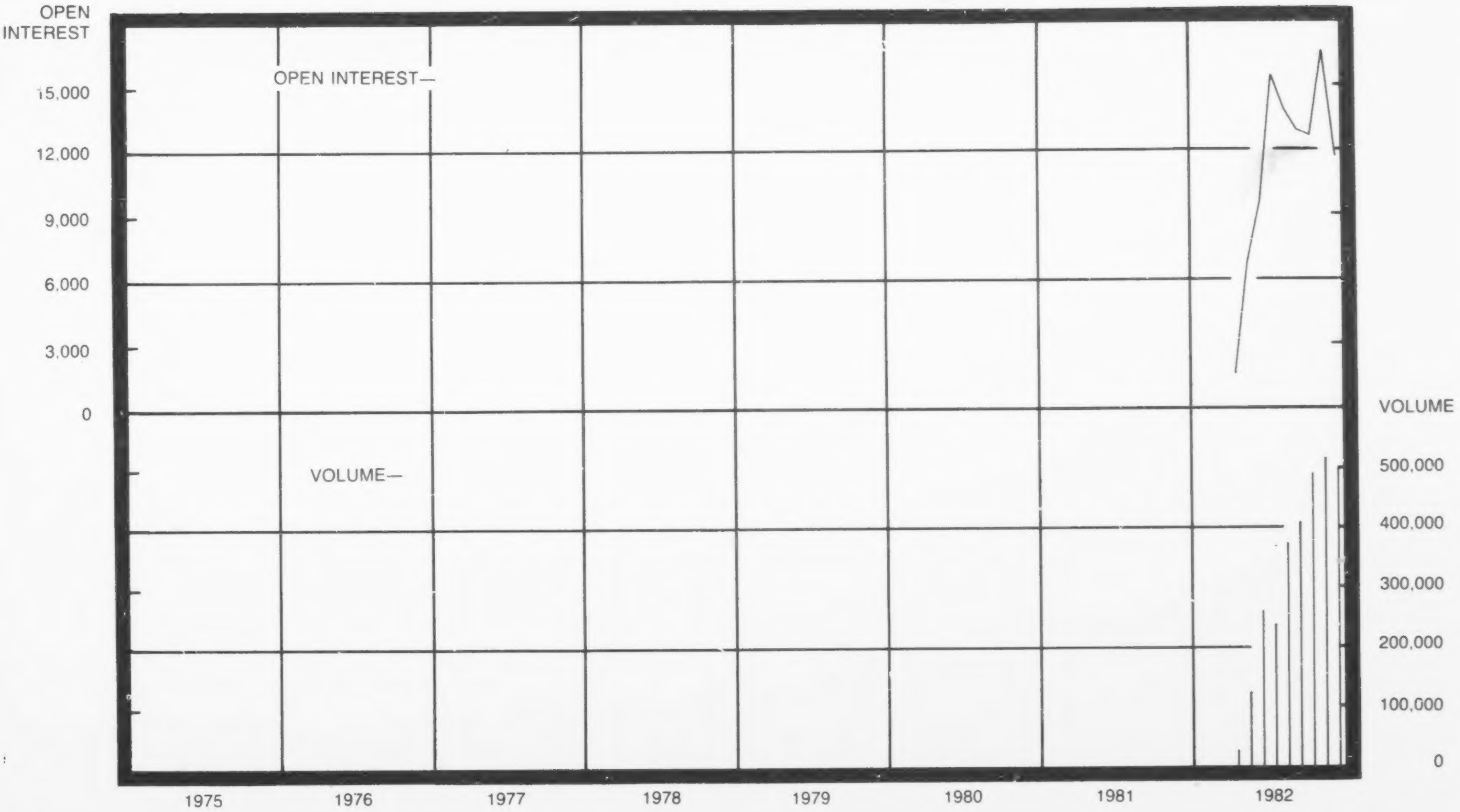
EXCHANGE MONTHLY TOTAL VOLUME AND END OF MONTH OPEN INTEREST
FOR ALL CONTRACTS (INCLUDING I.M.M. AND I.O.M. DIVISIONS) TRADED ON THE CHICAGO MERCANTILE EXCHANGE



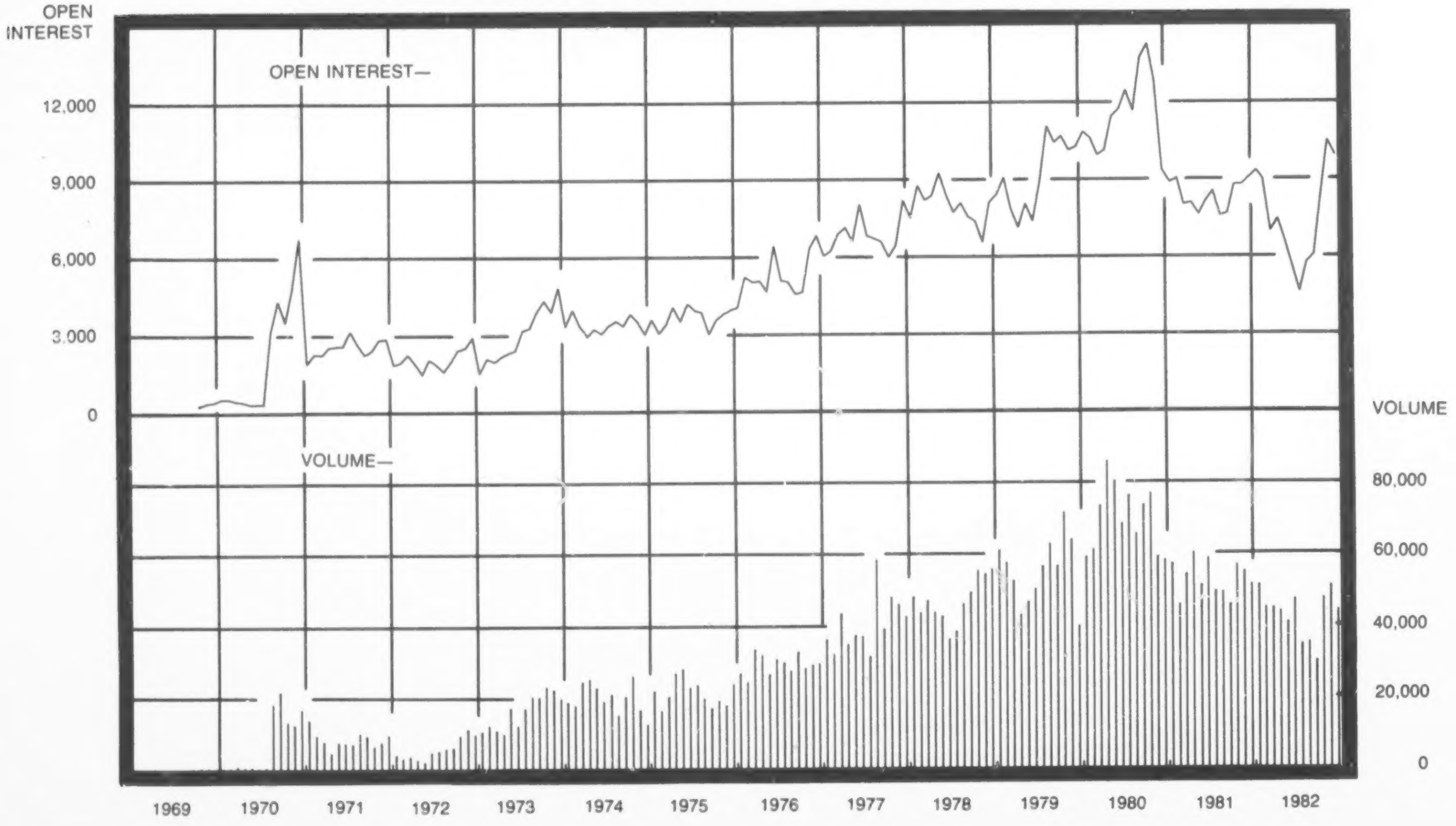
MONTHLY TOTAL VOLUME AND END OF MONTH OPEN INTEREST FOR
ALL CONTRACTS TRADED ON THE INDEX AND OPTION MARKET



MONTHLY TOTAL VOLUME AND END OF MONTH OPEN INTEREST
FOR S&P 500 STOCK INDEX FUTURES TRADED ON THE INDEX AND OPTION MARKET



MONTHLY TOTAL VOLUME AND END OF MONTH OPEN INTEREST
FOR LUMBER FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET



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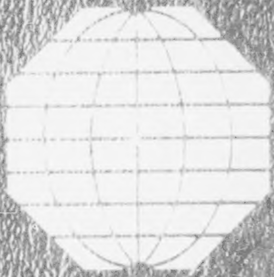

INDEX AND OPTION MARKET

Division of Chicago Mercantile Exchange

index and option market yearbook

1983

containing

Daily price ranges from January through December 1983 for contracts traded on the Index and Option Market division of the Chicago Mercantile Exchange and various cash market and statistical information.

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The I.O.M. yearbooks may be obtained from Office Services, Chicago Mercantile Exchange.

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27 Throgmorton Street EC2N 2AN

NEW YORK
67 Wall Street 10005

WASHINGTON, D.C.
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—1983—

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CHICAGO MERCANTILE EXCHANGE
QUICK REFERENCE TELEPHONE NUMBERS—AREA CODE 312
930-1000 EXCHANGE SWITCHBOARD

930-8294....Accounting
930-3230....Audits
930-3170....Clearing House
930-4595....Commodity Marketing
930-8525....Compliance
930-8149....Data Processing
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930-8213....Marketing Services
930-3363....Market Surveillance
930-3480....Memberships
930-8210....Office Services—Mailroom
(Yearbooks, Bulletins, Brochures, Rule Books)
930-8230....Public Affairs
930-4590....Research
930-8280....Statistics
930-3179....Time & Sales (Hard Copy)
930-8257....Trading Floor Reception

930-8282—THE MERCLINE
THREE DIGIT MESSAGE CODE NUMBERS

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336....Mercline Main Directory
337....Special Announcements

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S&P 500 Puts#	119	118	459
S&P 500 Puts##	107	106	459
DM Calls#	351	352	158
DM Calls##	355	356	158
DM Puts#	353	354	158
DM Puts##	357	358	158

*Second Code will be activated when first message code exceeds space limitation.
#Nearby month; ##Back month.

DIAL PHONE RECORDING NUMBERS

930-8201....Deliveries (Exchange)
930-8202....CME Futures Prices/Cash Markets
Volume and Open Interest
930-8203....IMM Futures Prices
Volume and Open Interest
930-8205....IMM/IOM Cash Markets
930-8204....IOM Option Prices
Volume and Open Interest
930-8206....IOM Futures Prices
Volume and Open Interest
930-8207....Membership Sales (Exchange)

CHICAGO MERCANTILE EXCHANGE OFFICES OTHER THAN CHICAGO

London..................011-441-920-0722-33
New York................212-363-7000
Washington..............202-223-6965
Telex.....255123

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INTRODUCTION

The Index and Option Market (IOM) division of the Chicago Mercantile Exchange was organized to expand the Exchange's role as the premier marketplace for trading futures in financial instruments, while diversifying into options trading in both the agricultural and financial areas. After the Commodity Futures Trading Commission (CFTC) granted permission on December 3, 1981, for exchanges to trade options on a trial basis, the CME established the IOM. It was activated on April 21, 1982 as the successor to the Associate Mercantile Market (AMM), moving the Exchange into the world of equity-related products with the listing of futures in the Standard & Poor's 500 stock price index.

The S&P futures quickly shattered all existing records for trading by a new product. In the first eight months of trading, 2.9 million contracts changed hands. In 1983, S&P 500 futures volume reached 8.1 million contracts—making the contract the most active in CME history and the fifth most actively traded listing in the industry for the year.

Continuing Innovation

The CME pattern of unique product development continued in 1983. Trading in options on S&P 500 futures opened on January 28, while the S&P 100 stock index futures contract was introduced by the CME on July 14 following a landmark agreement among the CME, Chicago Board Options Exchange (CBOE) and the Standard & Poor's Corporation. Under this reciprocal agreement, the CME began trading the S&P 100 futures, the CBOE opened the S&P 100 options contract and the Standard & Poor's Corporation was to compile, calculate and maintain the S&P 100 index, formerly named the CBOE 100.

The CME in 1983 also played a major role in the internationalization of futures trading with the announcement of an agreement in principle with the Singapore International Monetary Exchange in July. This agreement will make possible the first international trading link between exchanges, pending approval of the CFTC and the boards of governors of the two exchanges. Under a revolutionary "mutual offset" system, traders will be able to establish positions on one exchange and offset on the other — bringing an around-the-clock trading day closer to reality than ever before.

Trading Volume

As recently as 1964, CME annual volume was just under 250,000 contracts. On November 30, 1983, the third day of trading after the Exchange moved to the new Chicago Mercantile Exchange Center at 30 South Wacker Drive, a single-day volume total of 236,149 contracts was reached—then a record for the Exchange, and a clear and dramatic testimonial to the degree of expansion that CME trading has experienced over the past decade.

Nowhere has this growth been more evident than in the CME's stock index and option group. Trading volume in S&P 500 and S&P 100 futures in 1983 was two-thirds of the entire industry activity in stock index trading. The combined 1983 IOM volume—including S&P 500 futures and options, S&P 100 futures and random length lumbrer—was 9.5 million contracts, one-fourth of the total Exchange volume. August S&P 500 futures volume of 823,034 was the highest one-month figure for any contract in CME history.

In 1972 the International Monetary Market (IMM), a division of the CME, revolutionized the futures industry with the introduction of contracts on foreign currencies. Interest rate futures contracts were subsequently introduced for Treasury Bills, Certificates of Deposit and 3-Month Eurodollars. Last year, IMM volume exceeded 18 million, while combined trading for all financial futures on the CME (IOM and IMM) was 28 million—representing more than half of the total industry volume for financial futures.

Expanding Facilities

The growth and new directions of the Exchange have necessitated numerous moves and modifications of the CME organization and trading facilities in the past, and 1983 continued that pattern. On November 28, the Exchange moved to the Chicago Mercantile Exchange Center at 30 South Wacker Drive. With its two-tiered, 70,000-square-foot trading complex, the CME Center is the culmination of years of planning and study — all focused on the creation of the most sophisticated trading facility in the industry. Supported by the state-of-the-art technologies and systems of the CME Center, average daily trading volume for the CME has climbed steadily since the move.

Broadening the Membership Base

The CME has undertaken several programs in recent years to promote the orderly, managed expansion of its equity membership. The public sale of new IMM seats in 1972 attracted 150 new members. Another 500 IMM seats were sold at a nominal $100 to the CME members who in turn sold the seats to the public as the price rose, reaching a record $280,000 on November 24, 1980. (The record sale of a CME seat occurred on November 25, 1980, for $380,000—the highest for any futures exchange.)

When the AMM was formed in late 1975, 150 seats were sold publicly over a six-month period at $20,000 each. These went on the auction market in May 1976 and rose to a high of $85,000 in January 1981. When the IOM was established in 1982 and the successor to the AMM, memberships were sold to 125 public buyers at $50,000 each. The AMM was phased out and, of the 150 AMM members, 123 converted their seats to the IOM. In addition, CME and IMM members, as well as those converting from the AMM, were permitted to purchase IOM seats for $30,000 for a limited period of time. A total of 1,039 seats were sold in this manner.

The Exchange voted in 1981 to establish the Membership Rights (MR) program, under which one membership right was distributed to each full member. An MR was worth one-quarter of a full membership and permitted trading rights in designated, less active contracts. The owner of two or three MRs gained additional trading privileges, and the owner of four could gain full membership. MRs could be (1) bought or sold in the open market between other members of the public, (2) privately sold or transferred between each other, or (3) leased. The objective of the MR program was to increase overall membership by 25 percent over four years. Of the initial 1,300 MRs, more than two-thirds were converted by the end of 1983.

Rules and Regulations

The CME is strictly regulated by the CFTC and by a Board of Governors, with assistance from active Law, Compliance and Audits departments of the Exchange and appropriate member committees. Because the Exchange has been designated a contract market in accordance with the Commodity Exchange Act, as amended in 1974, members are required to comply with all provisions of the Act. Reports are filed regularly, as stipulated by the CFTC.

The CME played a major role in the development of the National Futures Association (NFA) which, like the National Association of Security Dealers, is an industry self-regulatory agency, with approximately 1,000 members. It was activated October 1, 1982, and has its headquarters in Chicago. The CFTC retains regulation of the exchanges, floor traders, floor brokers and registered representatives of brokerage houses, and also oversees the NFA. The NFA supersedes the CFTC, however, in auditing of brokerage firms and in the registration and surveillance of brokerage firms, commodity pool operators, commodity trading advisors and introducing-brokers affiliated with commodity brokerage firms.

The Exchange's Board of Governors formulates and enforces rules and regulations controlling all operations, and provides contract specifications, including revisions in existing specifications, subject to government approval. The Board consists of 22 members, of whom 12 are elected from the membership of the CME, eight from the IMM and two from the IOM. Six governors (three public, three industry) are also appointed by the chairman, who himself must be a member of the CME.

Contract Specifications

Specifications are established for each commodity by the Board of Governors of the Exchange and approved by the CFTC before the opening of the contract. Prior to approval of contract rules and specifications by the Exchange's governors, the subject is carefully studied and investigated by an appropriate committee, frequently in conjunction with industry leaders, for possible constructive amendments. Substitutions of less than "par" delivery are set up with accompanying discounts which are given to the purchaser at delivery time.

The Chicago Mercantile Exchange is a corporation chartered by the state of Illinois. Revenues, such as clearing fees and members' dues, are used for employees' salaries, maintenance of the Exchange, operating necessities, a discretionary trust fund, public relations, research, education, advertising, and compliance.

Contract Changes

In order to keep its contract specifications abreast of industry practices and thereby make the contracts more useful to the industries the Exchange serves, various methods are used. Contract specifications are altered only after consultation with industry leaders by way of special advisory committees or other contact, study by the Exchange research and marketing departments, and consideration by the appropriate Exchange committees and the Board of Governors. Proposed amendments are then submitted to the CFTC for approval.

Other Available Literature and Publications

The Statistics Department publishes on a daily basis four Daily Information Bulletins, each covering one day's trading information in addition to cash market related data and economic indicators. Three annual Statistical Yearbooks (CME, IMM, IOM) are also published. These are available through our Office Services Department.

The information contained herein, while not guaranteed, has been accumulated by the Statistical Department of the Chicago Mercantile Exchange from various sources. The Chicago Mercantile Exchange assumes no responsibility for its correctness, nor for omissions of any portion of otherwise complete information.

The Exchange welcomes visits from organizations and groups and will provide literature dealing with the functions of the Exchange as well as a guide who will gladly conduct a tour and explain Exchange operations. Reservations must be made in advance.

INDEX AND OPTION MARKET MEMBERSHIP SALES DURING 1983

DATE		BID	ASK	LAST
Jan	26	40,000	55,000	....
	26	47,000	....	....
	27	....	50,000	....
	27	....	125,000	....
	28	48,000	....	....
	31	....	52,000	....
	31	48,000	125,000	48,000
Feb	1	48.500	....	....
	1	49,000	....	....
	2	50,000	....	....
	2	50,000	125,000	....
	8	52,000	....	....
	8	52,500	....	....
	9	53,000	....	....
	9	54,000	....	....
	10	55,000	....	....
	22	....	65,000	....
	22	52,500	....	60,000
	24	55,000	....	....
Mar	2	52,500	....	55,000
	3	55,000	....	....
	3	....	80,000	....
	11	55,500	75,000	....
	16	....	61,000	....
	16	55,000	70,000	55,500
	16	55,000	70,000	....
	23	52,000	70,000	55,000
	24	51,000	70,000	53,000
	28	....	62,000	....
	31	53,000	....	....
Apr	5	51,000	....	....
	12	50,500	....	....
	15	48,000	62,000	50,500
	19	45,000	62,000	48,000
	20	46,500	....	....
	20	45,500	....	....
	20	46,000	....	....
	20	46,000	62,000	48,000
	21	....	....	46,000
	21	....	....	45,000
	21	....	....	45,000
	21	....	....	44,000
	21	....	....	44,500
	21	....	....	44,000
	21	....	....	44,000
	21	....	....	45,000
	21	....	....	45,000
	21	....	....	43,500
	21	....	....	44,000
	21	....	....	43,600
	21	....	....	45,000
	21	....	....	44,750
	21	....	....	45,000
	21	....	....	44,000
	21	....	....	43,600
	21	....	....	43,600
	21	43,500	45,500	43,700
	21	....	....	45,500
	21	....	....	45,500
	21	....	....	46,500
	21	....	....	47,500
	21	48,500	57,500	47,000
	22	48,000	....	....
	22	48,000	57,000	50,000
	22	48,000	57,000	52,000
	22	49,000	....	....
	22	50,000	....	....
	22	....	53,000	....
	25	50,500	....	....
	25	50,500	55,000	53,000
	25	....	53,000	....
	25	52,000	....	....
	25	52,000	55,000	53,000
	25	....	54,500	....
	25	52,000	55,000	54,500
	25	52,000	55,000	....
Apr	25	53,000	57,500	55,000
	25	....	55,900	....
	25	53,000	57,500	55,900
	26	55,000	....	....
	26	52,000	55,000	55,000
	26	52,500	....	....
	26	52,500	55,000	53,000
	26	53,000	....	....
	26	53,000	55,000	55,000
	26	53,500	....	....
	26	54,000	....	....
	26	54,500	56,000	....
	26	55,000	....	....
	27	54,000	57,000	55,000
	27	54,000	57,000	54,500
	27	53,500	....	55,000
	27	....	55,500	....
	27	53,500	55,000	54,000
	27	52,000	55,000	53,500
	27	52,000	54,500	54,000
	27	52,000	55,000	54,500
	27	52,000	55,000	54,500
	27	52,500	....	....
	27	52,000	55,000	52,500
	27	50,000	55,000	52,000
	28	50,000	54,000	50,000
	28	50,000	53,000	51,000
	28	....	....	50,000
	28	....	....	49,000
	28	....	....	49,000
	28	48,000	50,000	49,000
	29	48,000	50,000	48,000
	29	48,000	50,000	50,000
	29	50,000	54,000	50,000
	29	52,000	....	....
	29	50,000	54,000	52,000
May	2	50,000	54,000	52,000
	2	50,000	54,000	51,000
	2	....	55,500	54,000
	2	50,000	55,500	50,500
	2	....	54,500	....
	2	....	54,000	....
	3	50,500	....	....
	3	50,000	53,500	50,500
	3	....	....	50,500
	3	50,000	54,000	53,500
	3	....	53,500	....
	3	....	....	51,000
	3	50,500	....	....
	4	51,000	....	....
	4	52,000	53,000	....
	5	52,500	....	....
	5	52,000	53,500	53,000
	5	52,000	53,500	52,500
	5	51,000	54,000	53,500
	5	52,500	53,500	....
	5	....	....	53,000
	6	52,500	53,500	53,000
	6	52,500	53,500	53,000
	9	52,500	53,000	....
	11	51,000	54,000	53,000
	11	51,500	....	....
	12	51,000	54,000	52,000
	12	....	53,500	....
	12	....	52,000	....
	12	51,500	....	....
	12	50,000	51,500	51,500
	12	50,000	51,500	51,000
	13	50,000	51,500	50,500
	13	50,000	51,500	51,000
	13	50,000	53,500	51,000
	13	....	53,000	....
	13	51,000	....	....
	16	....	52,000	....
	16	51,000	53,000	51,500
	16	50,000	53,000	51,000

INDEX AND OPTION MARKET MEMBERSHIP SALES DURING 1983

DATE		BID	ASK	LAST
May	17	50,000	53,500	52,000
	17	....	51,000	....
	17	50,000	51,000	50,500
	17	50,000	53,500	51,000
	18	....	52,000	....
	19	50,500	....	....
	19	....	51,000	....
	19	....	52,000	....
	19	....	51,000	....
	19	50,000	51,000	50,500
	20	47,500	54,000	50,000
	20	....	....	48,000
	20	47,500	54,000	50,000
	20	....	53,000	....
	23	48,000	....	....
	23	48,000	54,000	53,000
	23	....	50,000	....
	24	46,500	54,000	50,000
	24	48,000	....	....
	24	49,000	....	....
	25	49,500	....	....
	25	50,000	....	....
	25	50,000	54,000	50,500
	25	50,000	54,000	50,500
	26	51,000	....	....
	27	50,500	54,000	51,000
	31	....	51,000	....
	31	50,500	54,000	51,000
	31	50,500	54,000	51,000
	31	46,500	54,000	50,500
Jne	1	....	53,000	....
	1	....	52,000	....
	1	47,000	....	....
	1	46,500	52,000	47,000
	1	46,500	52,000	47,500
	2	48,000	....	....
	2	48,000	52,000	49,000
	2	48,000	52,000	51,000
	3	48,000	52,000	51,000
	6	48,000	52,000	50,000
	6	48,500	....	....
	7	49,000	....	....
	7	48,500	52,000	49,000
	8	49,500	52,000	....
	8	50,000	....	....
	9	....	51,000	....
	9	49,500	51,000	50,000
	9	50,000	....	....
	9	49,500	51,000	50,000
	13	50,000	....	....
	13	50,000	51,000	50,500
	13	50,000	52,000	51,000
	14	....	51,000	....
	16	49,500	51,000	50,000
	16	46,500	51,000	49,500
	16	47,000	51,000	....
	16	47,000	51,000	47,500
	17	47,500	....	....
	17	....	....	48,000
	17	48,000	....	....
	20	48,500	....	....
	20	....	....	48,500
	20	48,000	51,500	48,000
	21	....	51,000	....
	21	48,500	....	....
	21	....	....	50,000
	21	....	....	49,000
	24	....	50,500	....
	27	....	49,500	....
	28	48,500	49,500	49,000
	28	48,500	50,500	49,000
	29	48,500	50,500	49,000
	30	48,500	50,500	49,000
	30	48,500	50,500	49,500
	30	48,500	50,000	....
Jly	5	48,500	50,000	49,000
Jly	5	46,500	50,000	48,500
	6	46,500	50,000	49,500
	6	....	49,000	....
	6	46,250	....	47,000
	7	....	48,000	....
	8	....	47,500	....
	8	46,000	47,500	46,250
	8	45,500	47,500	46,000
	8	....	47,000	....
	8	45,000	47,000	45,500
	8	46,000	....	....
	11	45,500	....	....
	11	....	47,500	....
	11	45,000	47,000	45,500
	12	....	46,000	....
	12	45,000	46,000	45,000
	12	45,000	46,000	45,000
	12	44,500	46,000	45,000
	12	44,000	46,000	44,500
	12	44,000	47,000	44,000
	13	....	45,000	....
	13	44,000	47,000	45,000
	13	....	46,500	....
	13	44,000	47,000	46,500
	14	44,250	....	....
	15	44,500	47,000	46,000
	18	44,000	47,000	44,500
	19	....	46,500	....
	19	....	46,000	....
	19	44,000	46,000	44,500
	19	44,000	46,000	44,000
	20	43,500	48,000	44,000
	21	43,500	48,000	44,000
	21	45,000	50,500	45,500
	22	....	47,000	....
	22	45,000	47,000	46,000
	22	45,000	47,000	46,000
	26	43,500	47,000	45,000
	26	43,500	47,000	45,000
	27	....	46,000	....
	27	43,500	46,000	45,000
	28	42,500	46,000	44,000
	29	....	45,000	....
Aug	1	41,500	....	....
	2	42,000	....	....
	4	42,000	45,000	44,000
	4	42,500	....	....
	5	....	44,000	....
	8	42,000	44,000	42,500
	8	....	43,500	....
	8	43,000	....	....
	9	43,000	44,000	43,000
	10	42,000	45,000	43,500
	11	43,500	....	....
	12	....	44,500	....
	15	44,000	44,500	....
	15	44,000	45,000	44,500
	16	44,000	45,000	44,500
	16	44,000	46,000	45,000
	17	45,000	....	....
	18	45,000	48,000	46,000
	19	....	47,500	....
	19	....	46,000	....
	22	45,500	47,500	46,000
	23	46,000	....	....
	24	....	48,000	....
	24	....	47,500	....
	24	....	47,000	....
	24	46,500	....	....
	24	46,000	47,000	46,500
	25	46,000	47,500	47,000
	25	46,000	48,000	47,500
	26	46,000	50,000	47,000
	29	....	49,000	....
	29	46,000	48,000	....
	29	....	47,500	....

INDEX AND OPTION MARKET MEMBERSHIP SALES DURING 1983

DATE		BID	ASK	LAST
Aug	29	43,500	47,500	46,000
Sep	1	44,000	....	....
	6	....	46,500	....
	7	....	46,000	....
	7	43,500	46,000	45,000
	8	45,000	....	....
	9	43,500	46,000	45,000
	12	43,500	46,500	45,500
	13	....	46,000	....
	14	44,500	....	....
	14	45,500	51,000	45,500
	16	46,000	....	....
	16	45,500	....	....
	16	45,500	51,000	50,500
	16	46,000	....	....
	19	....	50,000	....
	19	....	47,000	....
	20	46,000	47,000	....
	20	46,000	50,000	47,000
	22	46,000	50,000	47,000
	23	46,500	....	....
	23	47,000	....	....
	26	46,500	51,000	49,000
	26	46,500	51,000	49,000
	26	48,000	....	....
	26	....	50,000	....
	27	47,500	51,000	49,000
	27	....	50,500	....
	28	46,000	50,000	47,500
	28	45,500	50,000	48,000
	28	45,500	50,000	49,000
	28	45,500	50,000	47,000
	29	....	49,500	....
Oct	3	....	49,000	....
	3	45,500	49,000	47,000
	3	45,500	49,000	47,000
	6	45,500	47,000	....
	7	45,500	47,000	46,000
	10	45,500	49,000	46,500
	12	....	50,000	....
	13	....	49,000	....
	14	45,500	48,000	46,000
	17	44,000	48,000	46,000
	17	45,000	....	....
	19	45,000	48,000	46,000
	20	45,500	....	....
	20	46,000	....	....
	20	45,500	....	....
	24	47,000	....	....
	25	47,000	48,000	47,000
	25	46,000	....	....
	25	45,000	48,000	46,000
	26	....	47,000	....
	26	....	46,000	....
	27	45,000	48,000	46,000
	27	45,000	48,000	....
	27	....	47,000	....
	28	45,500	....	....
	31	46,000	47,000	46,500
Nov	2	46,000	48,000	47,000
	3	44,000	49,000	46,000
	3	45,000	....	....
	3	....	48,500	....
	3	....	48,000	....
	4	45,500	....	....
	4	....	47,000	....
	4	45,500	47,000	46,000
	4	46,000	47,500	....
	4	45,500	....	....
	7	46,000	47,000	....
	7	46,000	47,500	47,000
	10	....	47,500	....
	10	46,000	47,500	46,500
Nov	11	46,000	48,000	47,500
	11	47,000	48,000	....
	14	47,500	49,000	48,000
	14	48,000	....	....
	15	48,000	49,500	49,000
	15	48,000	50,000	49,500
	15	48,500	....	....
	15	48,500	50,000	50,000
	16	49,000	....	....
	16	48,500	50,000	49,000
	17	48,500	50,000	49,000
	17	48,500	50,000	49,000
	17	49,000	....	....
	18	49,000	51,500	50,000
	18	49,500	....	....
	18	49,500	52,000	51,500
	21	50,000	53,000	52,000
	21	50,500	....	....
	21	50,000	53,000	53,000
	21	50,000	54,000	53,000
	21	49,000	59,000	54,000
	21	....	95,000	....
	21	....	65,000	....
	21	....	59,000	....
	21	49,000	59,000	54,000
	22	50,000	....	....
	23	50,000	59,000	54,500
	23	....	54,500	....
	23	50,500	....	....
	28	51,000	....	....
	28	....	54,000	....
	29	52,000	....	....
	29	52,000	54,500	54,000
	30	....	54,000	..
	30	51,000	58,500	54,000
Dec	5	51,000	58,500	55,000
	5	51,000	58,500	56,000
	5	51,500	....	....
	6	....	58,000	....
	6	51,500	58,000	....
	6	....	57,500	....
	7	52,000	....	....
	8	52,000	58,000	57,500
	8	52,000	58,500	58,000
	12	52,000	59,000	58,500
	12	52,000	59,000	56,000
	12	52,000	60,000	58,500
	13	53,000	....	....
	14	59,000	....	60,000
	14	....	65,000	....
	15	60,000	....	....
	15	60,000	65,000	60,500
	16	60,000	65,000	61,000
	16	60,000	65,000	61,000
	16	60,000	65,000	60,500
	16	61,000	....	....
	19	61,000	65,000	61,500
	19	62,500	....	....
	20	63,000	65,000	....
	21	63,500	....	....
	21	63,000	120,000	65,000
	21	....	90,000	....
	21	65,000	85,000	....
	22	....	75,000	....
	23	65,000	75,000	67,000
	27	....	72,000	....
	27	....	71,000	....
	28	65,000	71,000	65,500
	28	....	70,000	....
	29	55,000	70,000	65,000
	29	....	69,000	....
	30	55,000	69,000	57,000
	30	....	68,000	....

S & P 500 STOCK INDEX FUTURES

Life of Contract Highs and Lows of S & P 500 Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
MAR DELIVERY								
1983	118.70	(4/21/82)	154.30	(3/03/83)	101.85	(8/09/82)	149.59	(3/17/83)
1984#	152.75	(3/18/83)	176.10B	(6/22/83)	152.50A	(3/18/83)	....	
1985#	172.00	(9/16/83)	180.25B	(10/10/83)	171.65A	(12/15/83)	....	
JNE DELIVERY								
1982	116.35	(4/21/82)	120.60	(4/26/82)	107.40	(6/17/82)	107.60	(6/17/82)
1983	110.90	(6/25/82)	169.80	(6/16/83)	102.50A	(8/09/82)	169.14	(6/16/83)
1984#	174.00	(6/17/83)	177.10	(10/10/83)	163.40A	(8/09/83)	....	
1985#	173.55	(12/16/83)	177.70B	(12/30/83)	173.55	(12/16/83)	....	
SEP DELIVERY								
1982	116.70	(4/21/82)	127.65	(9/22/82)	101.15	(8/09/82)	123.77	(9/16/82)
1983	123.50	(9/20/82)	173.85	(6/22/83)	120.70A	(9/30/82)	164.38	(9/15/83)
1984#	175.00	(6/17/83)	178.15B	(10/10/83)	164.80A	(8/09/83)	....	
DEC DELIVERY								
1982	118.00	(4/21/82)	146.80	(11/10/82)	101.40	(8/09/82)	135.30	(12/16/82)
1983	138.00	(12/17/82)	175.05	(6/22/83)	138.00	(12/17/82)	161.67	(12/15/83)
1984#	176.00	(6/17/83)	179.20B	(10/10/83)	166.20A	(8/09/83)	....	

S & P 100 STOCK INDEX FUTURES

Life of Contract Highs and Lows of S & P 100 Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
MAR DELIVERY								
1984#	170.25	(7/14/83)	176.65B	(10/10/83)	163.10A	(8/04/83)	....	
JNE DELIVERY								
1984#	174.50	(9/22/83)	177.80B	(10/10/83)	167.30A	(11/07/83)	....	
SEP DELIVERY								
1983	168.30	(7/14/83)	172.50	(7/26/83)	160.35	(8/04/83)	167.45	(9/16/83)
DEC DELIVERY								
1983	169.20	(7/14/83)	175.20	(10/10/83)	161.75A	(8/04/83)	163.61	(12/16/83)

RANDOM LENGTH LUMBER FUTURES

Life of Contract Highs and Lows of Random Length Lumber Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
JAN DELIVERY								
1971	83.00	(6/15/70)	85.00	(7/27/70)	75.20	(11/24/70)	84.00	(1/15/71)
1972	112.00	(3/19/71)	116.00	(1/14/72)	90.50	(9/27/71)	115.50	(1/14/72)
1973	114.00	(2/03/72)	169.00	(1/11/73)	104.50	(7/19/72)	160.00	(1/15/73)
1974	157.50	(3/23/73)	157.50	(3/23/73)	105.20	(6/18/73)	127.30	(1/15/74)
1975	165.10	(3/19/74)	168.10	(3/20/74)	98.50	(10/03/74)	103.00	(1/15/75)
1976	155.50	(4/02/75)	163.00	(4/25/75)	116.50	(10/08/75)	142.90	(1/15/76)
1977	172.00	(3/11/76)	187.50	(12/27/76)	149.30	(7/20/76)	167.10	(1/14/77)
1978*	190.00	(1/19/77)	215.90	(1/13/78)	174.50	(10/21/77)	215.90	(1/13/78)
1979	190.00	(2/07/78)	246.00	(1/11/79)	177.20	(6/26/78)	237.00	(1/15/79)
1980	196.00	(3/21/79)	251.00	(9/11/79)	196.00	(3/21/79)	205.40	(1/15/80)
1981	214.00	(2/01/80)	226.50	(2/14/80)	146.00	(12/12/80)	161.50	(1/15/81)
1982	235.50	(9/16/80)	245.00B	(11/20/80)	136.10	(10/22/81)	145.90	(1/15/82)
1983	192.00	(10/05/81)	205.50B	(10/21/81)	139.00	(8/13/82)	181.20	(1/14/83)
1984#	179.00	(9/16/82)	234.00	(5/10/83)	164.10	(12/30/83)	....	
1985#	217.00	(11/18/83)	221.30	(11/22/83)	205.00A	(12/21/83)	....	

B—Bid; A—Ask
#As of December 30, 1983

RANDOM LENGTH LUMBER FUTURES

Life of Contract Highs and Lows of Random Length Lumber Futures on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
				MAR DELIVERY				
1970	78.00	(10/01/69)	93.00	(10/27/69)	70.50	(3/13/70)	70.50	(3/13/70)
1971	85.00	(6/15/70)	107.00	(2/17/71)	78.40A	(10/26/70)	94.00	(3/15/71)
1972	106.00	(5/05/71)	125.80	(2/07/72)	92.50	(9/28/71)	115.70	(3/15/72)
1973	115.50	(4/20/72)	194.70	(3/14/73)	106.50	(7/19/72)	182.50	(3/15/73)
1974	103.00	(6/11/73)	180.00	(3/12/74)	103.00	(6/11/73)	167.50	(3/15/74)
1975	135.30	(5/17/74)	144.50	(6/17/74)	101.70	(10/03/74)	117.70	(3/14/75)
1976	154.50	(6/12/75)	172.50	(1/19/76)	124.40	(10/10/75)	151.10	(3/15/76)
1977	169.50	(6/15/76)	197.30	(12/27/76)	155.60	(7/20/76)	180.00	(3/15/77)
1978	206.50	(4/04/77)	224.50	(2/10/78)	179.50	(10/21/77)	223.00	(3/15/78)
1979	185.00	(4/07/78)	248.70	(2/21/79)	179.50	(5/18/78)	212.80	(3/15/79)
1980	199.20	(4/02/79)	243.90	(10/02/79)	198.50	(4/04/79)	209.00	(3/14/80)
1981	217.50	(2/01/80)	228.10	(2/14/80)	144.60	(3/12/81)	151.50	(3/13/81)
1982	245.00	(11/18/80)	248.00B	(11/20/80)	130.60	(3/02/82)	139.00	(3/15/82)
1983	198.00	(11/17/81)	209.80	(12/04/81)	146.80	(6/21/82)	169.00	(3/15/83)
1984#	210.00	(11/17/82)	240.50	(5/06/83)	179.50	(12/21/83)	....	
				MAY DELIVERY				
1970	80.00	(10/01/69)	96.00	(10/27/70)	72.50	(5/15/70)	73.75	(5/15/70)
1971	86.50	(6/24/70)	117.00	(2/17/71)	81.30A	(10/26/70)	91.50	(5/14/71)
1972	107.00	(7/19/71)	126.40	(2/07/72)	97.50	(9/21/71)	117.60	(5/15/72)
1973	128.50	(9/18/72)	187.50	(3/20/73)	124.50	(9/19/72)	157.00	(5/15/73)
1974	110.00	(7/10/73)	181.00	(3/12/74)	109.00	(7/21/73)	153.00	(5/15/74)
1975	130.00	(7/08/74)	153.80	(4/25/75)	106.50	(10/03/74)	130.10	(5/15/75)
1976	156.00	(6/12/75)	178.00	(2/17/76)	131.50	(10/02/75)	144.50	(5/14/76)
1977	161.80	(8/27/76)	203.40	(2/18/77)	161.80	(8/27/76)	164.60	(5/13/77)
1978	197.00	(6/01/77)	223.40	(2/10/78)	184.50	(10/21/77)	214.70	(5/15/78)
1979	185.30	(6/05/78)	246.00	(5/15/79)	181.60	(6/27/78)	245.20	(5/15/79)
1980	210.00	(6/01/79)	244.40	(1/29/80)	146.50	(5/15/80)	152.20	(5/15/80)
1981	220.00	(2/01/80)	233.50	(7/21/80)	163.20	(4/03/81)	175.50	(5/15/81)
1982	211.00	(6/10/81)	220.30	(6/15/81)	115.50	(5/13/82)	122.60	(5/14/82)
1983	201.50	(1/19/82)	221.70	(5/13/83)	151.50	(6/28/82)	217.20	(5/13/83)
1984#	236.80	(1/17/83)	245.50	(5/06/83)	189.50	(12/21/83)	....	
				JLY DELIVERY				
1970	87.00	(10/01/69)	100.00	(10/27/70)	68.25	(7/14/70)	70.25	(7/15/70)
1971	91.80	(8/25/70)	118.20	(7/15/71)	83.50	(10/26/70)	112.40	(7/15/71)
1972	111.50	(7/19/71)	134.50	(6/29/72)	98.50	(9/21/71)	130.00	(7/14/72)
1973	139.00	(10/18/72)	183.50	(3/19/73)	126.00	(11/21/72)	153.50	(7/13/73)
1974	123.90	(10/02/73)	180.20	(3/12/74)	117.00	(12/21/73)	136.10	(7/15/74)
1975	121.00	(9/16/74)	168.00	(4/29/75)	111.00	(10/03/74)	130.80	(7/15/75)
1976	145.00	(9/17/75)	183.30	(2/20/76)	138.00A	(10/01/75)	152.30	(7/15/76)
1977*	164.80	(8/27/76)	210.00	(3/18/77)	164.80	(8/27/76)	173.50	(7/18/77)
1978	201.00	(8/02/77)	227.00	(7/14/78)	188.00	(10/21/77)	227.00	(7/14/78)
1979	191.90	(8/11/78)	247.00	(7/05/79)	182.00	(11/21/78)	239.00	(7/13/79)
1980	214.50	(8/01/79)	243.60	(2/14/80)	164.80	(4/08/80)	195.00	(7/15/80)
1981	191.00	(3/21/80)	239.30	(7/21/80)	169.00A	(4/03/80)	181.00	(7/15/81)
1982	211.00	(6/10/81)	225.00B	(6/17/81)	129.00	(6/04/82)	135.30	(7/15/82)
1983	195.00	(3/18/82)	248.50	(5/31/83)	158.00A	(6/25/82)	192.60	(7/15/83)
1984#	242.00	(4/13/83)	252.50B	(5/06/83)	197.00	(12/21/83)	....	

*Termination of futures trading extended one day

				SEP DELIVERY				
1970	88.50	(1/29/70)	90.50	(2/20/70)	75.25	(7/14/70)	77.15	(9/15/70)
1971	87.00	(10/21/70)	118.10	(2/18/71)	84.60A	(10/26/70)	103.50	(9/15/71)
1972	103.00	(11/17/71)	148.50	(9/12/72)	103.00	(11/17/71)	146.20	(9/15/72)
1973	128.40	(11/16/72)	173.00	(3/19/73)	116.00	(5/18/73)	162.00	(9/14/73)
1974	138.00	(10/24/73)	173.00	(3/12/74)	111.00	(9/13/74)	111.00	(9/13/74)
1975	133.50	(10/31/74)	164.90	(4/25/75)	118.50	(8/20/75)	125.00	(9/15/75)
1976	156.50	(11/20/75)	182.80	(2/20/76)	146.50	(7/20/76)	169.50	(9/15/76)
1977	191.00	(10/15/76)	228.00	(8/22/77)	180.80	(7/18/77)	206.80	(9/15/77)
1978	207.00	(10/04/77)	249.90	(9/15/78)	186.20	(4/13/78)	249.90	(9/15/78)
1979	200.50	(10/03/78)	287.30	(8/24/79)	179.20	(11/21/78)	265.20	(9/14/79)
1980	230.00	(10/01/79)	245.20	(2/14/80)	169.00	(9/15/80)	169.00	(9/15/80)
1981	223.30	(5/20/80)	240.00	(11/20/80)	137.00	(9/15/81)	137.00	(9/15/81)
1982	219.20	(6/10/81)	229.50	(6/15/81)	123.70	(8/13/82)	127.60	(9/15/82)
1983	185.50	(5/19/82)	240.40	(5/31/83)	145.00	(9/15/83)	148.50	(9/15/83)
1984#	226.00	(8/01/83)	236.00	(8/25/83)	195.50	(12/21/83)	.....	

B-Bid; A-Ask
#As of December 30, 1983

RANDOM LENGTH LUMBER FUTURES

Life of Contract Highs and Lows of Random Length Lumber Futures on the Index and Option Market

	NOV DELIVERY							
YEAR	**OPENED**		**HIGH**		**LOW**		**TERMINATED**	
1970	88.50	(1/29/70)	90.50	(2/12/70)	74.50	(11/04/70)	74.50	(11/13/70)
1971	89.90	(1/05/71)	117.00	(2/18/71)	89.40	(1/03/71)	103.10	(11/15/71)
1972	113.50	(12/29/71)	170.30	(10/25/72)	106.60	(7/13/72)	164.50	(11/15/72)
1973	139.20	(2/02/73)	167.40	(3/13/73)	108.60	(7/03/73)	150.00	(11/15/73)
1974	126.00	(1/17/74)	172.40	(2/26/74)	94.60	(10/03/74)	100.00	(11/15/74)
1975	148.90	(1/27/75)	161.20	(4/25/75)	113.50	(10/01/75)	134.80	(11/14/75)
1976	175.00	(1/26/76)	178.00	(2/18/76)	144.80	(7/20/76)	162.10	(11/15/76)
1977	201.00	(12/01/76)	216.90	(8/22/77)	171.60	(10/27/77)	182.60	(11/15/77)
1978	207.00	(12/02/77)	239.80	(10/20/78)	178.00	(6/27/78)	217.50	(11/15/78)
1979	180.00	(12/01/78)	265.00	(10/02/79)	179.30	(12/06/78)	237.10	(11/15/79)
1980	218.00	(12/03/79)	238.90	(2/14/80)	160.00	(11/07/80)	171.00	(11/14/80)
1981	223.00	(7/16/80)	240.60	(7/18/80)	125.50	(10/22/81)	139.60	(11/13/81)
1982	224.00	(7/28/81)	224.50B	(7/28/81)	128.00	(9/30/82)	145.50	(11/15/82)
1983	172.40	(7/20/82)	229.90	(5/31/83)	155.20	(10/31/83)	156.00	(11/15/83)
1984#	223.00	(9/26/83)	229.00B	(10/07/83)	196.00	(12/20/83)	....	

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES

Life of Contract Highs and Lows of S & P 500 Stock Index Calls on the Index and Option Market

	MAR 135 EXERCISE							
YEAR	**OPENED**		**HIGH**		**LOW**		**TERMINATED**	
1983	13.20	(2/07/83)	17.00B	(2/25/83)	11.20	(2/22/83)	16.55	(3/15/83)
	MAR 140 EXERCISE							
1983	9.00	(1/28/83)	14.10B	(3/03/83)	5.40	(2/02/83)	9.55	(3/17/83)
	MAR 145 EXERCISE							
1983	5.75	(1/28/83)	9.50B	(3/03/83)	2.70	(2/02/83)	4.50	(3/17/83)
	MAR 150 EXERCISE							
1983	3.50	(1/28/83)	5.25	(3/03/83)	0.05	(3/17/83)	0.05	(3/17/83)
	MAR 155 EXERCISE							
1983	1.25	(1/28/83)	1.70	(3/11/83)	0.05	(3/14/83)	0.05	(3/16/83)
1984#	15.20	(11/23/83)	15.20	(11/23/83)	10.00A	(12/15/83)	....	
	MAR 160 EXERCISE							
1983	0.50	(3/01/83)	0.70B	(3/02/83)	0.05A	(3/10/83)	0.05	(3/17/83)
1984#	11.50	(8/11/83)	15.50	(10/11/83)	6.00	(12/15/83)	....	
	MAR 165 EXERCISE							
1984#	8.75	(8/11/83)	11.50B	(10/11/83)	3.00	(12/15/83)	....	
	MAR 170 EXERCISE							
1984#	8.30	(6/28/83)	10.00B	(7/22/83)	1.40	(12/15/83)	....	
	MAR 175 EXERCISE							
1984#	6.50	(6/21/83)	7.90	(6/22/83)	0.45A	(12/15/83)	....	
	MAR 180 EXERCISE							
1984#	4.50	(6/21/83)	6.60	(7/26/83)	0.15	(12/23/83)	....	
	MAR 185 EXERCISE							
1984#	1.90	(10/06/83)	2.30B	(10/10/83)	0.05	(12/15/83)	....	
	JNE 140 EXERCISE							
1983	9.50	(2/04/83)	27.30B	(5/10/83)	9.50	(2/04/83)	29.15	(6/16/83)
	JNE 145 EXERCISE							
1983	8.00	(1/28/83)	22.30B	(5/10/83)	6.30	(2/02/83)	24.15	(6/16/83)
	JNE 150 EXERCISE							
1983	4.70	(1/28/83)	18.90B	(6/16/83)	4.45	(4/06/83)	19.15	(6/16/83)
	JNE 155 EXERCISE							
1983	5.00	(1/31/83)	13.90B	(6/16/83)	2.55	(4/07/83)	14.15	(6/16/83)
	JNE 160 EXERCISE							
1983	2.50	(2/15/83)	9.60B	(6/16/83)	1.25	(4/06/83)	9.15	(6/16/83)
	JNE 165 EXERCISE							
1983	2.50	(3/07/83)	5.20	(5/06/83)	0.15	(6/08/83)	4.15	(5/16/83
1984#	6.60	(12/21/83)	6.60	(12/21/83)	6.60	(12/21/83)	....	

B-Bid; A-Ask
# As of December 30, 1983

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES

Life of Contract Highs and Lows of S & P 500 Stock Index Calls on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
				JNE 170 EXERCISE				
1983	0.80	(4/21/83)	2.30	(5/06/83)	0.05	(6/07/83)	0.05	(6/16/83)
1984#	6.50	(11/17/83)	7.50	(11/29/83)	3.80	(12/16/83)	....	
				JNE 175 EXERCISE				
1983	0.75	(5/06/83)	0.80	(5/06/83)	0.05	(5/27/83)	0.05	(6/16/83)
1984#	4.40	(12/07/83)	4.40	(12/07/83)	2.50A	(12/19/83)	....	
				JNE 180 EXERCISE				
1984#	2.40	(12/02/83)	2.40	(12/02/83)	1.15	(12/19/83)	....	
				JNE 185 EXERCISE				
1984#	4.00	(9/22/83)	4.00	(9/22/83)	0.60	(12/21/83)	....	
				SEP 140 EXERCISE				
1983	15.00	(2/18/83)	32.70B	(6/22/83)	13.00A	(2/22/83)	29.80	(7/06/83)
				SEP 145 EXERCISE				
1983	9.40	(1/31/83)	27.70B	(6/22/83)	9.30A	(2/02/83)	20.40	(9/15/83)
				SEP 150 EXERCISE				
1983	7.20	(1/31/83)	22.70B	(6/22/83)	6.50A	(4/05/83)	15.40	(9/15/83)
				SEP 155 EXERCISE				
1983	5.80	(1/31/83)	18.20	(6/22/83)	5.40A	(2/04/83)	10.40	(9/15/83)
				SEP 160 EXERCISE				
1983	4.70	(3/01/83)	14.20B	(6/22/83)	2.55	(8/25/83)	4.60	(9/15/83)
				SEP 165 EXERCISE				
1983	3.75	(3/31/83)	10.75	(6/22/83)	0.002A	(9/15/83)	0.002	(9/15/83)
				SEP 170 EXERCISE				
1983	4.80	(4/29/83)	7.00	(6/22/83)	0.002	(9/13/83)	0.002	(9/15/83)
				SEP 175 EXERCISE				
1983	2.30	(5/16/83)	4.30	(6/22/83)	0.002	(9/02/83)	0.002	(9/15/83)
1984#	5.10	(12/29/83)	5.10	(12/29/83)	5.10	(12/29/83)	....	
				SEP 180 EXERCISE				
1983	1.80	(6/17/83)	2.15	(6/22/83)	0.002	(9/08/83)	0.002	(9/15/83)
				DEC 155 EXERCISE				
1983	13.00	(8/18/83)	18.50B	(10/10/83)	7.00A	(12/15/83)	6.65	(12/15/83)
				DEC 160 EXERCISE				
1983	8.20	(8/05/83)	14.00B	(10/10/83)	1.85A	(12/15/83)	1.65	(12/15/83)
				DEC 165 EXERCISE				
1983	5.50	(4/14/83)	12.25B	(6/22/83)	0.002	(12/15/83)	0.002	(12/15/83)
				DEC 170 EXERCISE				
1983	6.00	(7/05/83)	8.00	(7/26/83)	0.002	(12/13/83)	0.002	(12/15/83)
				DEC 175 EXERCISE				
1983	3.80	(7/05/83)	6.00	(7/26/83)	0.002	(12/02/83)	0.002	(12/15/83)
				DEC 180 EXERCISE				
1983	4.00	(6/23/83)	4.00	(6/23/83)	0.002	(11/16/83)	0.002	(12/15/83)
				DEC 185 EXERCISE				
1983	0.65	(9/19/83)	0.70B	(9/20/83)	0.05	(10/26/83)	0.002	(12/15/83)

B-Bid; A-Ask
#As of December 30, 1983

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES

Life of Contract Highs and Lows of S & P 500 Stock Index Puts on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
			MAR 135 EXERCISE					
1983	1.15	(2/01/83)	1.35	(2/02/83)	0.05	(2/25/83)	0.05	(3/17/83)
			MAR 140 EXERCISE					
1983	3.00	(1/28/83)	3.20	(2/02/83)	0.05	(3/04/83)	0.05	(3/17/83)
			MAR 145 EXERCISE					
1983	4.50	(1/28/83)	5.80	(2/02/83)	0.05	(3/09/83)	0.05	(3/17/83)
			MAR 150 EXERCISE					
1983	7.00	(1/28/83)	8.65B	(2/02/83)	0.10	(3/16/83)	0.45	(3/17/83)
			MAR 155 EXERCISE					
1983	6.20	(2/11/83)	9.20B	(2/22/83)	2.30	(3/10/83)	5.40	(3/17/83)
1984#	1.55	(9/29/83)	1.80	(9/29/83)	0.20	(12/22/83)	....	
			MAR 160 EXERCISE					
1983	6.10	(3/03/83)	10.50	(3/17/83)	6.10	(3/03/83)	10.50	(3/17/83)
1984#	1.40	10/11/83)	2.85	(11/07/83)	0.80	(12/21/82)	....	
			MAR 165 EXERCISE					
1984#	2.55	(10/11/83)	5.00	(11/07/83)	2.10	(12/30/83)	....	
			MAR 170 EXERCISE					
1984#	6.40	(9/26/83)	7.80	(11/07/83)	4.00A	(10/10/83)	....	
			MAR 175 EXERCISE					
1984#	6.50	(10/18/82)	11.00B	(11/04/83)	6.50	(10/18/83)	....	
			JNE 135 EXERCISE					
1983	1.10	(3/03/83)	1.50	(3/10/83)	0.05	(5/02/83)	0.05	(6/16/83)
			JNE 140 EXERCISE					
1983	4.80	(2/02/83)	4.85B	(2/04/83)	0.05	(5/03/83)	0.05	(6/16/83)
			JNE 145 EXERCISE					
1983	7.50	(1/28/83)	7.70B	(2/02/83)	0.05	(5/06/83)	0.05	(6/16/83)
			JNE 150 EXERCISE					
1983	6.50	(2/14/83)	8.00B	(2/22/83)	0.05	(5/24/83)	0.05	(6/16/83)
			JNE 155 EXERCISE					
1983	6.50	(2/25/83)	9.00	(3/17/83)	0.05	(5/26/83)	0.05	(6/16/83)
			JNE 160 EXERCISE					
1983	9.00	(3/03/83)	10.50B	(3/08/83)	0.05	(6/13/83)	0.05	(6/16/83)
			JNE 165 EXERCISE					
1983	8.20	(4/15/83)	8.60B	(4/19/83)	0.05	(6/15/83)	0.05	(6/16/83)
1984#	3.50	(12/21/83)	3.50	(12/21/83)	3.15	(12/22/83)	....	
			JNE 170 EXERCISE					
1983	11.20	(4/22/83)	12.15B	(4/26/83)	0.70	(6/16/83)	0.85	(6/16/83)
1984#	5.50	(11/17/83)	6.30B	(12/20/83)	4.50	(11/29/83)	....	
			JNE 175 EXERCISE					
1983	9.80	(5/11/83)	13.20B	(6/08/83)	5.75	(6/16/83)	5.85	(6/16/83)
			SEP 135 EXERCISE					
1983	0.05	(6/17/83)	0.05	(6/17/83)	0.05	(6/17/83)	0.002	(9/15/83)
			SEP 140 EXERCISE					
1983	6.25	(2/09/83)	6.30B	(2/09/83)	0.05A	(7/22/83)	0.002	(9/15/83)
			SEP 145 EXERCISE					
1983	8.90	(1/31/83)	9.10B	(2/09/83)	0.05	(8/16/83)	0.002	(9/15/83)
			SEP 150 EXERCISE					
1983	6.90	(3/23/83)	7.00B	(4/05/83)	0.05A	(8/29/83)	0.002	(9/15/83)

B-Bid; A-Ask
# As of December 30, 1983

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES

Life of Contract Highs and Lows of S & P 500 Stock Index Puts on the Index and Option Market

YEAR	OPENED		HIGH		LOW		TERMINATED	
			SEP 155 EXERCISE					
1983	9.40	(3/09/83)	11.65B	(3/16/83)	0.002	(9/02/83)	0.002	(9/15/83)
			SEP 160 EXERCISE					
1983	8.00	(4/19/83)	8.00	(4/19/83)	0.002	(9/08/83)	0.002	(9/15/83)
			SEP 165 EXERCISE					
1983	8.00	(5/03/83)	8.00	(5/03/83)	0.05	(9/15/83)	0.50	(9/15/83)
			SEP 170 EXERCISE					
1983	7.10	(5/10/83)	10.40B	(8/09/83)	1.60A	(9/12/83)	5.60	(9/15/83)
			SEP 175 EXERCISE					
1983	11.50	(5/18/83)	15.75	(8/09/83)	5.10	(6/21/83)	10.60	(9/15/83)
			SEP 180 EXERCISE					
1983	11.00	(7/01/83)	20.50	(8/09/83)	9.20A	(7/26/83)	15.60	(9/15/83)
			DEC 145 EXERCISE					
1983	1.00	(7/19/83)	1.10	(8/10/83)	0.002	(11/30/83)	0.002	(12/15/83)
			DEC 150 EXERCISE					
1983	1.30	(5/26/83)	2.30	(8/09/83)	0.002	(12/12/83)	0.002	(12/15/83)
			DEC 155 EXERCISE					
1983	5.40	(4/29/83)	5.40	(4/29/83)	0.002	(11/28/83)	0.002	(12/15/83)
			DEC 160 EXERCISE					
1983	4.50	(6/14/83)	5.90	(8/04/83)	0.002	(12/08/83)	0.002	(12/15/83)
			DEC 165 EXERCISE					
1983	7.00	(5/17/83)	7.80B	(5/19/83)	0.30	(12/12/83)	3.35	(12/15/83)
			DEC 170 EXERCISE					
1983	7.10	(7/20/83)	10.50B	(8/09/83)	1.95	(11/30/83)	8.35	(12/15/83)
			DEC 175 EXERCISE					
1983..........	7.50	(9/12/83)	13.50B	(12/15/83)	3.90	(10/10/83)	13.35	(12/15/83)
			DEC 180 EXERCISE					
1983	10.70	(9/28/83)	18.50B	(12/15/83)	7.50A	(10/10/83)	18.50	(12/15/83)

B-Bid; A-Ask
# As of December 30, 1983

INDEX AND OPTION MARKET CONTRACT HISTORY

STANDARD & POOR'S 500 STOCK INDEX FUTURES

First Day Trading		Apr 21, 1982
CONTRACT SIZE		
$500 Times S&P 500 Stock Price Index		4/21/82
NORMAL DAILY PRICE LIMIT		
300		4/21/82
500		7/06/82
No Limit		1/28/83
TRADING HOURS		
9:00-3:15 Central		4/21/82
VOLUME		
1st Day:	3,964	4/21/82
1st Week:	10,010	3 Days
1st Full Week:	17,534	Mon-Fri
Record Day:	54,603	9/12/83
Record Month:	823,034	Aug 1983
Record Year:	8,101,697	1983
OPEN INTEREST		
1st Day:	316	4/21/82
1st Week:	1,134	
Record Day:	33,122	6/08/82
DELIVERIES		
Record Total:	8,712	Jne 1983
RECORD PRICE		
High:	180.25B Mar 1985	10/10/83
Low:	101.15 Sep 1982	9/09/82

STANDARD & POOR'S 500 STOCK INDEX OPTIONS

First Day Trading		Jan 28, 1983
CONTRACT SIZE		
One S&P 500 Stock Index Futures Contract		1/28/83
NORMAL DAILY PRICE LIMIT		
No Limit		1/28/83
TRADING HOURS		
9:00-3:15 Central		1/28/83
VOLUME		
1st Day:	1,805	1/28/83
1st Week:	1,805	1 Day
1st Full Week:	4,432	Mon-Fri
Record Day:	4,619	12/15/83
Record Month:	48,271	Dec 1983
Record Year:	281,090	1983
OPEN INTEREST		
1st Day:	1,283	1/28/83
1st Week:	1,283	
Record Day:	20,120	12/30/83
EXERCISES		
Record Total:	5,529	Jne 1983
RECORD PRICE		
High:	32.70B Sep 1983	6/22/83 140.00 Call
Low:	0.002 Sep 1983	9/02/83 175.00 Call 155.00 Put

STANDARD & POOR'S 500 STOCK INDEX CALLS

First Day Trading		Jan 28, 1983
CONTRACT SIZE		
Option to buy one S&P 500 Stock Index Futures Contract		1/28/83
NORMAL DAILY PRICE LIMIT		
No Limit		1/28/83
TRADING HOURS		
9:00-3:15 Central		1/28/83
VOLUME		
1st Day:	1,431	1/28/83
1st Week:	1,431	1 Day
1st Full Week:	2,989	Mon-Fri
Record Day:	2,920	10/24/83
Record Month:	22,701	Dec 1983
Record Year:	158,831	1983
OPEN INTEREST		
1st Day:	962	1/28/83
1st Week:	962	
Record Day:	10,595	9/06/83
EXERCISES		
Record Total:	5,391	Jne 1983
RECORD PRICE		
High:	32.70B Sep 1983	6/22/83 140.00
Low:	0.002 Sep 1983	9/02/83 175.00

STANDARD & POOR'S 500 STOCK INDEX PUTS

First Day Trading		Jan 28, 1983
CONTRACT SIZE		
Option to sell one S&P 500 Stock Index Futures Contract		1/28/83
NORMAL DAILY PRICE LIMIT		
No Limit		1/28/83
TRADING HOURS		
9:00-3:15 Central		1/28/83
VOLUME		
1st Day:	374	1/28/83
1st Week:	374	1 Day
1st Full Week:	1,443	Mon-Fri
Record Day:	3,111	12/15/83
Record Month:	25,570	Dec 1983
Record Year:	122,259	1983
OPEN INTEREST		
1st Day:	321	1/28/83
1st Week:	321	
Record Day:	10,132	12/30/83
EXERCISES		
Record Total:	3,864	Sep 1983
RECORD PRICE		
High:	20.50 Sep 1983	8/09/83 180.00
Low:	0.002 Sep 1983	9/02/83 155.00

INDEX AND OPTION MARKET CONTRACT HISTORY

STANDARD & POOR'S 100 STOCK INDEX FUTURES

First Day Trading		Jly 14, 1983
CONTRACT SIZE		
$200.00 Times S&P 100 Stock Price Index		7/14/83
NORMAL DAILY PRICE LIMIT		
No Limit		7/14/83
TRADING HOURS		
9:00-3:15 Central		7/14/83
VOLUME		
1st Day:	4,546	07/14/83
1st Week:	8,004	2 Days
1st Full Week:	19,472	Mon-Fri
Record Day:	5,717	10/19/83
Record Month:	82,326	Oct 1983
Record Year:	390,902	1983
OPEN INTEREST		
1st Day:	2,085	7/14/83
1st Week:	1,494	
Record Day:	5,477	12/16/83
DELIVERIES		
Record Total:	3,380	Dec 1983
RECORD PRICE		
High:	177.80B Jne 1984	10/10/83
Low:	160.35 Sep 1983	8/04/83

RANDOM LENGTH LUMBER FUTURES

First Day Trading		Oct 1, 1969
CONTRACT SIZE		
40,000 Board Feet 2x4's		10/01/69
90,000 White-Fir		6/15/70
90,000 Hem-Fir		3/19/71
100,000 Hem-Fir		7/19/71
130,000 Hem-Fir & SPF		2/01/80
NORMAL DAILY PRICE LIMIT		
750 per 1,000 Board Feet		10/01/69
500 per 1,000 Board Feet		6/15/70
TRADING HOURS		
9:00-1:05 Central		10/01/69
VOLUME		
1st Day:	157	10/01/69
1st Week:	231	5 Days
1st Full Week:	231	Mon-Fri
Record Day:	6,878	4/24/80
Record Month:	86,057	Apr 1980
Record Year:	836,676	1980
OPEN INTEREST		
1st Day:	146	10/01/69
1st Week:	211	
Record Day:	14,841	10/27/80
DELIVERIES		
Record Total:	323	Nov 1982
RECORD PRICE		
High:	287.30 Sep 1979	8/24/79
Low:	68.25 Jly 1970	7/14/70

LEADED REGULAR GASOLINE FUTURES

First Day Trading		Mar 26, 1984
CONTRACT SIZE		
1,000 Barrels (42,000 U.S. Gallons)		3/26/84
NORMAL DAILY PRICE LIMIT		
300		3/26/84
TRADING HOURS		
8:30-2:30 Central		3/26/84
VOLUME		
1st Day:	445	3/26/84
1st Week:	1,587	5 Days
1st Full Week:	1,587	Mon-Fri
OPEN INTEREST		
1st Day:	334	3/26/84
1st Week:	214	

NO. 2 FUEL OIL FUTURES

First Day Trading		Mar 26, 1984
CONTRACT SIZE		
1,000 Barrels (42,000 U.S. Gallons)		3/26/84
NORMAL DAILY PRICE LIMIT		
300		3/26/84
TRADING HOURS		
8:30-2:30 Central		3/26/84
VOLUME		
1st Day:	802	3/26/84
1st Week:	2,613	5 Days
1st Full Week:	2,613	Mon-Fri
OPEN INTEREST		
1st Day:	375	3/24/84
1st Week:	305	

INDEX AND OPTION MARKET CONTRACT HISTORY

DEUTSCHEMARK OPTION ON FUTURES

First Day Trading		1/24/84
CONTRACT SIZE		
One Deutschemark Futures Contract		1/24/84
NORMAL DAILY PRICE LIMIT		
No Limit		1/24/84
TRADING HOURS		
7:30-1:20 Central		1/24/84
VOLUME		
1st Day:	1,194	1/24/84
1st Week:	8,022	5 Days
1st Full Week:	8,022	Mon-Fri
OPEN INTEREST		
1st Day:	1,015	1/24/84
1st Week:	4,365	

DEUTSCHEMARK CALL OPTIONS

First Day Trading		Jan 24, 1984
CONTRACT SIZE		
Option to buy one Deutschemark Futures Contract		1/24/84
NORMAL DAILY PRICE LIMIT		
No Limit		1/24/84
TRADING HOURS		
7:30-1:20 Central		1/24/84
VOLUME		
1st Day:	820	1/24/84
1st Week:	5,075	5 Days
1st Full Week:	5,075	Mon-Fri
OPEN INTEREST		
1st Day:	700	1/24/84
1st Week:	2,804	

DEUTSCHEMARK PUT OPTIONS

First Day Trading		Jan 24, 1984
CONTRACT SIZE		
Option to sell one Deutschemark Futures Contract		1/24/84
NORMAL DAILY PRICE LIMIT		
No Limit		1/24/84
TRADING HOURS		
7:30-1:20 Central		1/24/84
VOLUME		
1st Day:	374	1/24/84
1st Week:	2,947	5 Days
1st Full Week:	2,947	Mon-Fri
OPEN INTEREST		
1st Day:	315	1/24/84
1st Week:	1,561	

I.O.M. PRICE RANGE HISTORY
Highest/Lowest Price Per Delivery Month

S & P 500 STOCK INDEX FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Futures Price	—	—	180.25B	—	—	177.70B	—	—	178.15B	—	—	179.20B	180.25B
Delivery Year	—	—	1985	—	—	1985	—	—	1984	—	—	1984	Mar 1985
Date Reached	—	—	10/10/83	—	—	12/30/83	—	—	10/10/83	—	—	10/10/83	10/10/83
Lowest Futures Price	—	—	101.85	—	—	102.50A	—	—	101.15	—	—	101.40	101.15
Delivery Year	—	—	1983	—	—	1983	—	—	1982	—	—	1982	Sep 1982
Date Reached	—	—	8/09/82	—	—	8/09/82	—	—	8/09/82	—	—	8/09/82	8/09/82

S & P 100 STOCK INDEX FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Futures Price	—	—	176.65B	—	—	177.80B	—	—	172.50	—	—	175.20	177.80B
Delivery Year	—	—	1984	—	—	1984	—	—	1983	—	—	1983	Jne 1984
Date Reached	—	—	10/10/83	—	—	10/10/83	—	—	7/26/83	—	—	10/10/83	10/10/83
Lowest Futures Price	—	—	163.10A	—	—	167.30A	—	—	160.35	—	—	161.75A	160.35
Delivery Year	—	—	1984	—	—	1984	—	—	1983	—	—	1983	Sep 1983
Date Reached	—	—	8/04/83	—	—	11/07/83	—	—	8/04/83	—	—	8/04/83	8/04/83

RANDOM LENGTH LUMBER FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Futures Price	251.00	—	248.70	—	246.00	—	252.50B	—	287.30	—	265.00	—	287.30
Delivery Year	1980	—	1979	—	1979	—	1984	—	1979	—	1979	—	Sep 1979
Date Reached	9/11/79	—	2/21/79	—	5/15/79	—	5/06/83	—	8/24/79	—	10/20/79	—	8/24/79
Lowest Futures Price	75.20	—	70.50	—	72.50	—	68.25	—	75.25	—	74.50	—	68.25
Delivery Year	1971	—	1970	—	1970	—	1970	—	1970	—	1970	—	Jly 1970
Date Reached	11/24/70	—	3/13/70	—	5/15/70	—	7/14/70	—	7/14/70	—	11/04/70	—	7/14/70

B-Bid; A-Ask
As of December 30, 1983

I.O.M. PRICE RANGE HISTORY

Highest/Lowest Price Per Delivery Month

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Call Price........	—	—	15.50	—	—	27.30B	—	—	32.70B	—	—	18.50B	32.70B
Strike Price	—	—	160	—	—	140	—	—	140	—	—	155	Sep 140
Delivery Year............	—	—	1984	—	—	1983	—	—	1983	—	—	1983	1983
Date Reached...........	—	—	10/11/83	—	—	5/10/83	—	—	6/22/83	—	—	10/10/83	6/22/83
Lowest Call Price	—	—	0.05	—	—	0.05	—	—	0.002	—	—	0.002	0.002
Strike Price	—	—	155	—	—	175	—	—	175	—	—	180	Sep 175
Delivery Year............	—	—	1983	—	—	1983	—	—	1983	—	—	1983	1983
Date Reached...........	—	—	3/14/83	—	—	5/27/83	—	—	9/02/83	—	—	11/16/83	9/02/83

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES

DELIVERY MONTH:	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	RECORD
Highest Call Price........	—	—	11.00B	—	—	13.20B	—	—	20.50	—	—	18.50B	20.50
Strike Price	—	—	175	—	—	175	—	—	180	—	—	180	Sep 180
Delivery Year............	—	—	1984	—	—	1983	—	—	1983	—	—	1983	1983
Date Reached...........	—	—	11/04/83	—	—	6/08/83	—	—	8/09/83	—	—	12/15/83	8/09/83
Lowest Put Price	—	—	0.05	—	—	0.05	—	—	0.002	—	—	0.002	0.002
Strike Price	—	—	135	—	—	135	—	—	155	—	—	155	Sep 155
Delivery Year............	—	—	1983	—	—	1983	—	—	1983	—	—	1983	1983
Date Reached...........	—	—	2/25/83	—	—	5/02/83	—	—	9/02/83	—	—	11/28/83	9/02/83

B-Bid; A-Ask
As of December 30, 1983

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX FUTURES

MARCH 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jan.	142.90	150.85	138.40	147.20	145.65	....	....	30,097	19,537	532,095	14,624	11,520	13,914
Feb	147.25	152.65	141.50	149.20	147.94	....	....	31,058	17,946	498,198	20,244	14,385	17,242
Mar	150.00	154.50	148.80	149.59	151.81	....	....	31,320	137	215,172	18,014	....	....
Year	142.90	154.50	138.40	149.59	147.98	....	....	31,320	137	1,245,465	20,244	....	....

JUNE 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jan.	143.85	151.65	139.10	148.05	146.46	....	....	690	227	9,369	1,590	678	1,590
Feb	148.15	154.05	142.40A	150.40	149.17	....	....	4,210	361	24,844	5,335	1,582	5,335
Mar	151.50	156.00	148.80	151.90	152.76	....	....	35,311	4,263	474,442	16,663	6,151	16,663
Apr.	152.50	164.70	149.70	164.25	157.50	....	....	36,726	22,507	597,692	23,762	16,537	23,322
May	164.40	168.35	160.35	162.20	164.80	....	....	41,189	18,678	671,345	24,705	21,010	21,010
Jne.	162.20	169.80	160.35	169.14	164.37	....	....	37,424	1	258,904	20,649	....	....
Year	143.85	169.80	139.10	169.14	155.23	....	....	41,189	1	2,036,596	24,705	....	....

SEPTEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jan.	143.50	152.10B	140.00A	148.60	147.14	....	....	38	....	211	125	62	73
Feb	148.60	155.00	143.60	151.40	150.03	....	....	61	....	388	159	71	159
Mar	152.80	156.90B	149.80	152.85	153.78	....	....	499	15	3,978	968	968	968
Apr.	153.45	165.60	150.65	165.25	158.42	....	....	940	250	11,611	2,027	968	2,027
May	165.45	169.60	161.40	163.30	165.96	....	....	5,417	780	43,611	9,468	2,282	9,468
Jne.	163.10	173.85	160.70	170.15	167.77	....	....	42,061	4,327	546,634	23,436	....	22,173
Jly	170.30	172.45	162.45	163.70	168.09	....	....	43,747	13,471	616,205	24,377	20,822	24,377
Aug	163.50	166.35	159.25	164.95	163.14	....	....	49,173	19,745	777,716	24,969	20,373	21,029
Sep	165.40	169.40	164.20	164.38	166.25	....	....	35,165	1	158,952	20,129	....	....
Year	143.50	173.85	140.00A	164.38	159.77	....	....	49,173	....	2,159,306	24,969	....	....

DECEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jan.	150.50	152.60	140.60A	149.20	147.85	....	....	80	....	280	171	11	171
Feb	149.20	156.50	144.75A	152.40	150.92	....	....	122	1	288	174	83	105
Mar	153.50	158.00B	151.10	154.05	154.96	....	....	38	1	231	134	96	132
Apr.	154.00	166.70B	151.90A	166.40	159.61	....	....	62	4	377	194	115	194
May	165.60	170.70B	162.50	164.30	167.21	....	....	75	6	674	289	295	289
Jne.	164.00	175.05	161.90	171.35	168.89	....	....	1,457	67	9,613	2,827	270	2,725
Jly	171.40	173.70	163.85A	165.00	169.29	....	....	2,530	305	12,894	4,085	2,714	4,085
Aug	164.90	167.50	160.65	165.95	164.41	....	....	4,168	491	44,776	8,471	4,257	8,471
Sep	166.45	172.60	165.50	168.25	169.15	....	....	41,890	1,616	533,247	23,019	8,968	23,019
Oct.	167.75	174.25	164.15	165.45	169.53	....	....	47,533	25,908	732,764	28,337	23,808	25,813
Nov	165.60	168.80	163.35	166.40	166.49	....	....	42,176	22,934	669,189	27,466	19,005	19,005
Dec	166.25	167.55	161.75	161.67	165.46	....	....	37,558	12	251,119	18,185	....	....
Year	150.50	175.05	140.60A	161.67	162.75	....	....	47,533	....	2,255,452	28,337	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX FUTURES

MARCH 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Mar	152.75	159.10B	152.50A	155.20	156.11	....	....	2	....	6	3	1	3
Apr	153.75	167.80B	153.10A	167.60	160.75	....	....	6	....	34	13	3	13
May	167.80	171.70B	163.50A	165.50	168.38	....	....	8	....	58	29	12	29
Jne	168.25	176.10B	163.20A	172.70	170.04	....	....	17	....	120	47	30	44
Jly	172.30	174.90B	165.50A	166.30	162.08	....	....	22	....	117	77	39	77
Aug	166.80	168.80B	162.00A	166.95	165.65	....	....	74	2	407	154	79	154
Sep	167.55	174.05	166.80A	169.75	170.48	....	....	417	11	4,027	1,007	245	1,007
Oct	169.25	175.85	166.20	167.50	171.26	....	....	1,684	224	12,298	3,398	920	3,398
Nov	167.70	171.65	165.45	168.75	168.59	....	....	5,697	593	32,650	8,650	3,451	8,650
Dec	168.50	169.70	164.50	167.30	167.18	....	....	39,751	2,977	351,458	24,616	9,035	24,400
Year	152.75	176.10B	152.50A	167.30	166.01	....	....	39,751	....	401,175	24,616	1	24,400

JUNE 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jne	174.00	177.10B	170.70A	173.70	174.10	....	....	15	....	18	17	15	17
Jly	172.10	175.90B	166.80A	167.60	171.55	....	....	3	....	8	19	17	18
Aug	166.80	169.85	163.40A	167.85	166.80	....	....	10	....	36	30	20	26
Sep	168.10	175.00B	168.10	170.95	171.57	....	....	3	....	9	30	26	30
Oct	172.35	177.10B	167.90A	169.30	172.56	....	....	20	....	33	47	23	25
Nov	169.40	173.55	167.25A	170.80	170.36	....	....	69	....	421	165	25	165
Dec	170.80	171.50	166.55	169.55	169.26	....	....	460	12	2,631	761	189	761
Year	174.00	177.10B	163.40A	169.55	170.85	....	....	460	....	3,156	761	15	761

SEPTEMBER 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jne	175.00	178.10B	171.90A	174.70	175.17	....	....	30	....	39	37	30	36
Jly	173.90	176.90B	168.00A	168.90	172.61	....	....	2	....	3	38	36	38
Aug	168.20	171.05	164.80A	168.75	167.95	....	....	12	....	59	58	38	38
Sep	169.10	176.00B	169.10	171.95	171.57	....	....	12	....	21	38	34	38
Oct	175.25	178.15B	169.60A	170.65	173.76	....	....	21	....	29	70	38	56
Nov	170.60	175.40B	168.70A	172.70	172.08	....	....	16	....	30	72	55	72
Dec	170.70	173.20B	168.25A	171.70	171.04	....	....	27	....	105	103	57	83
Year	175.00	178.15B	164.80A	171.70	171.99	....	....	30	....	286	103	30	83

DECEMBER 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
Jne	176.00	179.10B	172.80	175.70	176.24	....	....	15	....	26	18	15	18
Jly	176.00	177.90B	169.20A	170.20	173.68	....	....	3	....	9	21	18	21
Aug	170.45	172.25	166.20A	169.65	169.11	....	....	11	....	40	32	21	29
Sep	170.10	177.00B	170.10	172.95	173.63	....	....	5	....	21	31	28	29
Oct	174.50	179.20B	171.05A	171.75	174.85	....	....	11	....	21	31	28	31
Nov	171.60	177.30B	170.20A	174.60	173.67	....	....	36	....	74	67	28	67
Dec	175.00	175.00	169.85A	173.85	172.70	....	....	5	....	23	75	67	70
Year	176.00	179.10B	166.20A	173.85	173.37	....	....	36	....	214	75	15	70

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth. End
						Up	Down	High	Low		High	Low	
STANDARD AND POOR'S 500 STOCK INDEX FUTURES													
MARCH 1985 FUTURES CONTRACT													
Sep	172.00	178.00B	172.00	173.95	175.96	....	....	5	....	6	6	5	6
Oct	....	180.25B	172.15A	172.85	175.92	....	....	....	....	....	6	6	6
Nov	173.60	179.20B	171.70A	176.50	175.24	....	....	5	....	8	8	6	8
Dec	175.20	176.10B	171.65A	176.00	174.36	....	....	10	....	28	30	8	30
Year	172.00	180.25B	171.65A	176.00	175.37	....	....	10	....	42	30	5	30
JUNE 1985 FUTURES CONTRACT													
Dec	173.55	177.70B	173.55	177.70	175.75	....	....	5	....	5	5	5	5
Year	173.55	177.70B	173.55	177.70	175.75	....	....	5	....	5	5	5	5
STANDARD AND POOR'S 100 STOCK INDEX FUTURES													
SEPTEMBER 1983 FUTURES CONTRACT													
Jly	168.30	172.50	168.85	164.35	168.05	....	....	5,123	2,599	49,526	2,898	1,146	2,601
Aug	164.20	166.95	160.35	165.90	163.93	....	....	4,360	2,514	76,923	5,024	2,815	5,024
Sep	166.30	170.70	165.10	167.45	167.27	....	....	3,755	121	19,184	4,801	....	....
Year	168.30	172.50	160.35	167.45	165.80	....	....	5,123	121	145,633	5,024	....	....
DECEMBER 1983 FUTURES CONTRACT													
Jly	169.20	173.60B	164.35A	165.75	169.28	....	....	16	....	91	32	....	27
Aug	165.65	168.20	161.75A	167.05	165.17	....	....	205	8	1,578	364	29	364
Sep	167.45	173.35	166.25	169.05	169.88	....	....	3,369	104	40,031	2,345	378	2,345
Oct	168.40	175.20	164.80	166.15	170.44	....	....	5,712	2,261	81,809	3,904	2,379	2,566
Nov	166.30	169.70	164.20	166.50	167.11	....	....	5,534	2,511	77,271	4,252	2,360	4,098
Dec	166.25	167.70	162.35	163.61	165.78	....	....	3,641	18	29,372	4,264	....	....
Year	169.20	175.20	161.75A	163.61	167.97	....	....	5,712	....	230,152	4,264	....	....
MARCH 1984 FUTURES CONTRACT													
Jly	170.25	174.80B	165.70A	166.90	170.69	....	....	14	....	18	15	....	15
Aug	164.60	169.45	163.10A	168.10	166.33	....	....	5	....	6	20	15	20
Sep	168.70	174.15	167.40A	170.35	171.13	....	....	43	....	89	81	20	81
Oct	171.05	176.65	166.80	168.00	172.00	....	....	184	....	497	226	81	171
Nov	167.55	171.65B	166.05A	168.60	169.01	....	....	160	1	798	418	182	418
Dec	168.50	169.80	165.15	168.30	167.77	....	....	1,478	103	13,626	2,919	476	2,759
Year	170.25	176.65	163.10A	168.30	169.35	....	....	1,478	....	15,034	2,919	....	2,759

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 100 STOCK INDEX FUTURES

JUNE 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep	174.50	174.50	171.50A	171.50	173.21	....	....	5	....	10	5	2	2
Oct	172.10	177.80B	169.90A	169.25	173.49	....	....	12	....	20	18	5	18
Nov	168.00	172.25B	167.30A	170.40	170.69	....	....	1	....	1	18	18	18
Dec	170.35	171.15B	167.90A	170.40	169.40	....	....	13	....	32	20	8	19
Year	174.50	177.80B	167.30A	170.40	171.41	....	....	13	....	63	20	2	19

RANDOM LENGTH LUMBER FUTURES

JANUARY 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	168.00	182.00	165.30	181.20	175.94	1	....	867	....	4,193	1,869	....	....
Year	168.00	182.00	165.30	181.20	175.94	1	....	867	....	4,193	1,869	....	....

MARCH 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	183.50	199.40	180.50	194.70	191.20	1	....	2,661	650	34,500	5,403	4,042	5,120
Feb	193.50	196.30	177.10	178.50	184.37	....	1	2,238	787	24,549	5,097	2,284	2,284
Mar	179.00	185.00	165.80	169.00	177.08	....	....	718	....	4,357	1,914	....	....
Year	183.50	199.40	165.80	169.00	185.61	1	1	2,661	....	63,406	5,403	....	....

MAY 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	193.00	209.50	189.80	204.90	201.41	1	1	812	190	9,808	2,397	1,538	2,397
Feb	204.50	206.60	190.70	190.70	169.03	1	2	2,475	648	22,823	4,583	2,505	4,165
Mar	191.00	194.60	183.80	184.60	187.92	....	....	2,602	502	30,062	5,264	4,252	5,157
Apr	184.80	193.60	182.70	193.20	188.63	....	....	1,455	329	16,789	5,187	1,994	1,994
May	193.50	221.70	191.50A	217.20	204.40	3	....	773	....	3,827	1,720	....	....
Year	193.00	221.70	182.70	217.20	194.55	5	3	2,602	....	83,309	5,264	....	....

JULY 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	201.30	217.60	198.90A	215.70	210.77	....	1	257	61	3,632	1,375	1,102	1,375
Feb	215.40	216.40	202.20	202.30	207.13	....	2	612	163	5,392	1,816	1,426	1,787
Mar	202.80	205.70	195.60	197.70	199.97	....	1	1,013	266	10,364	2,767	1,806	2,767
Apr	197.70	211.40	195.60	211.20	203.89	2	1	2,239	450	22,144	5,047	2,772	4,993
May	211.20	248.50	209.40	248.20	226.34	2	....	3,622	1,131	43,633	5,802	4,305	4,329
Jne	244.50	248.40	210.10	219.10	228.05	5	8	2,568	116	27,967	4,339	1,255	1,255
Jly	219.50	219.70	192.60	192.60	205.93	....	3	573	....	2,424	1,253	....	....
Year	201.30	248.50	192.60	192.60	212.27	9	16	3,622	....	115,556	5,802	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES
SEPTEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	204.00	221.00	202.50	220.00	214.71	....	....	157	23	1,680	818	876	862
Feb	219.40	220.60	208.10	209.70	212.09	....	2	218	56	2,404	1,178	848	1,169
Mar	210.00	212.60	205.20	206.00	207.49	....	....	238	40	2,930	1,107	1,014	1,068
Apr	205.50	218.50	203.50	217.30	211.82	2	....	491	42	4,888	1,792	1,006	1,792
May	217.90	240.40	215.30	237.50	266.09	2	....	1,472	286	15,423	2,531	1,672	2,224
Jne	234.50	237.50	214.10	220.70	226.86	3	7	2,880	127	28,764	3,676	2,059	3,530
Jly	220.80	221.50	199.80	199.80	210.84	1	4	2,899	1,205	38,247	4,519	3,731	3,862
Aug	198.00	198.00	161.30	166.70	174.13	4	6	2,877	404	28,559	3,943	1,913	1,913
Sep	167.00	167.50	145.00	148.50	154.99	....	....	498	....	3,350	1,877	....	....
Year	204.00	240.40	145.00	148.50	207.03	12	19	2,899	....	126,245	4,519	....	....

NOVEMBER 1983 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	206.00	221.60	204.00A	220.30	215.16	....	....	95	2	894	545	307	545
Feb	220.30	221.70	210.40	211.20	214.03	....	1	109	18	1,175	836	543	836
Mar	212.70	215.40	205.60	208.90	210.49	....	....	392	47	3,033	1,237	819	1,185
Apr	208.80	220.20	207.40	219.10	214.39	1	....	343	52	3,530	1,713	1,194	1,713
May	219.20	229.90	214.00	226.70	211.48	2	1	1,043	131	10,441	2,014	1,626	2,014
Jne	224.50	228.80	211.30	218.30	220.24	1	3	1,162	206	13,087	2,569	1,943	2,569
Jly	217.80	219.00	201.40	201.40	208.75	2	3	1,663	227	16,889	2,928	2,376	2,766
Aug	198.50	198.90	174.20	175.40	183.25	5	7	2,806	608	36,340	4,727	2,642	4,727
Sep	176.30	182.00	161.10	182.00	171.39	5	....	2,772	1,150	43,321	5,676	4,506	4,506
Oct	184.00	185.80	155.20	155.60	173.28	2	3	2,843	703	30,047	4,336	1,819	1,819
Nov	156.00	170.90	156.00	156.00	163.26	3	2	867	....	4,054	1,659	....	....
Year	206.00	229.90	155.20	156.00	200.11	21	20	2,843	....	162,811	5,676	....	....

JANUARY 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	211.00	227.50B	209.00A	225.50	220.90	1	....	37	....	211	159	80	159
Feb	226.80	228.00	216.80	216.90	220.16	....	....	27	1	241	266	158	266
Mar	218.70	221.20	212.50	216.30	217.46	....	....	116	5	560	422	278	422
Apr	215.50	228.30B	215.00	227.00	226.36	1	....	98	10	670	608	403	608
May	227.10	234.00	215.50	228.50	227.24	2	2	511	18	2,404	623	302	302
Jne	227.00	234.00	216.00	221.30	225.34	....	4	228	48	2,689	501	308	473
Jly	220.80	223.00	204.30	204.40	212.57	1	4	326	50	3,631	936	486	914
Aug	203.50	203.50	181.70	186.80	192.37	5	6	717	165	8,513	1,395	913	1,242
Sep	188.00	194.50	172.30	194.50	185.33	5	....	1,679	209	16,074	2,292	1,174	2,292
Oct	197.00	197.20	172.00	172.70	186.73	1	2	2,048	846	28,437	2,847	2,111	2,789
Nov	173.70	185.30	170.50	182.10	178.24	1	1	2,259	503	28,182	3,640	3,031	3,391
Dec	182.10	184.70	164.10	165.00	172.86	....	1	1,615	471	18,771	3,481	1,746	1,746
Year	211.00	234.00	164.10	165.00	205.41	17	20	2,259	....	110,383	3,640	80	1,746

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

MARCH 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	222.00	233.00B	214.00A	230.00	225.90	1	....	12	....	53	34	14	33
Feb	232.00	234.00B	224.50A	225.50	277.23	....	1	18	....	100	85	34	85
Mar	225.80	229.40B	220.60	223.00	224.71	....	....	36	....	194	169	85	169
Apr	222.00	234.20	221.50	233.20	228.36	....	....	31	2	217	266	152	266
May	234.00	240.50	218.00	230.50	220.35	2	2	309	5	1,108	323	132	132
Jne	229.00	236.20	221.00	225.50	228.70	2	3	124	9	753	266	135	235
Jly	226.00	227.00	210.00	210.80	218.17	1	1	63	4	584	287	237	279
Aug	211.00	213.20	192.00	199.80	202.55	5	7	173	19	1,925	425	278	422
Sep	202.00	206.70	184.80	206.60	196.98	3	1	348	56	4,103	1,103	434	1,103
Oct	207.10	209.20	187.50	187.70	201.17	....	2	830	164	8,030	1,604	1,102	1,535
Nov	189.70	198.80	185.70	194.20	192.40	2	1	816	94	8,712	1,937	1,573	1,937
Dec	194.80	196.50	179.50	181.10	186.85	....	1	1,383	386	19,092	3,134	2,011	3,134
Year	222.00	240.50	179.50	181.10	212.74	16	19	1,383	....	44,871	3,134	14	3,134

MAY 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Jan	236.80	239.00B	229.50A	239.00	233.74	....	....	3	....	5	2	1	1
Feb	231.00	240.00B	230.50A	230.80	233.45	....	1	13	....	22	18	1	18
Mar	236.50	237.10B	228.80A	231.80	232.23	....	....	4	....	20	27	17	25
Apr	228.60	240.10	228.60	239.50	224.24	....	....	11	....	70	47	25	47
May	241.00	245.50	222.90	230.60	224.36	2	3	36	....	180	60	42	42
Jne	229.50	234.50	221.00	228.50	229.32	2	1	49	....	257	92	47	92
Jly	225.00	229.00B	214.00	214.80	221.55	....	2	37	....	213	112	87	112
Aug	213.80	221.50	200.40	207.40	209.55	6	4	115	5	760	157	106	152
Sep	209.50	213.70	195.30A	213.00	205.04	3	....	84	9	786	296	148	296
Oct	214.00	217.60	198.50	199.30	209.94	....	....	114	18	1,214	378	305	378
Nov	202.00	209.40	196.80	202.80	202.73	2	1	256	15	2,104	712	375	712
Dec	202.00	205.00	189.50	194.20	195.15	....	....	517	165	1,452	1,452	697	1,452
Year	236.80	245.50	189.50	194.20	217.80	15	12	517	....	7,083	1,452	1	1,452

JULY 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit		Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						Up	Dwn	High	Low		High	Low	
Apr	242.00	248.50B	241.90A	248.50	246.06	....	1	5	....	19	12	3	12
May	249.20	252.50B	244.60	231.00	228.58	1	4	25	....	91	30	13	27
Jne	230.50	239.70B	228.00	233.00	233.71	2	1	6	....	37	33	23	33
Jly	231.00	235.10	222.00A	223.00	277.63	1	3	14	....	65	32	28	30
Aug	220.50	229.80	210.00	218.10	220.83	4	4	18	....	163	69	24	68
Sep	219.10	220.50B	204.00A	220.50	214.84	1	1	47	....	305	85	64	84
Oct	220.70	224.70B	206.60	207.50	217.00	....	1	40	....	295	165	89	165
Nov	210.00	217.20B	207.90	210.00	211.12	....	1	65	4	532	268	146	268
Dec	210.50	213.00	197.00	200.30	202.36	....	1	176	3	2,409	552	271	552
Year	242.00	252.50B	197.00	200.30	221.50	9	17	176	....	3,916	552	3	552

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

RANDOM LENGTH LUMBER FUTURES

SEPTEMBER 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Aug......	226.00	236.00	218.00	227.90	229.78	....	6	10	....	62	31	1	28
Sep......	226.50	229.10B	209.80	224.00	221.91	....	1	12	....	76	46	27	41
Oct......	224.50	228.90B	213.00	213.50	222.51	....	1	17	....	111	65	38	63
Nov......	212.50	223.50B	210.50	212.40	215.64	....	1	72	1	525	204	65	200
Dec......	213.00	215.00	195.50	200.50	202.51	....	2	227	28	2,400	468	213	423
Year.....	226.00	236.00	195.50	200.50	218.71	....	11	227	....	3,174	468	1	423

NOVEMBER 1984 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep......	223.00	226.00B	219.50A	224.00	222.50	....	....	2	....	4	2	1	2
Oct......	225.00	229.00B	213.00	213.50	223.10	....	2	49	....	94	22	3	22
Nov......	213.40	222.50B	211.00	213.10	216.49	....	1	24	....	135	72	21	72
Dec......	214.00	215.00B	196.00	210.90	202.86	....	3	113	9	1,086	181	73	173
Year.....	223.00	229.00B	196.00	201.90	214.74	....	6	113	....	1,319	181	1	173

JANUARY 1985 FUTURES CONTRACT

Period	Open	High	Low	Mth End Sett.	Avg Sett.	# Days Limit Up	# Days Limit Dwn	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Nov......	217.00	221.30	215.00A	215.00	218.51	....	....	10	....	22	15	5	15
Dec......	219.30	219.80B	205.00A	210.00	209.75	....	1	12	....	54	33	17	32
Year.....	217.00	221.30	205.00A	210.00	211.94	....	1	12	....	76	33	5	32

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
MARCH 1983 135.00 CALLS											
Feb	13.20	17.00B	11.20	14.25	14.09	5	....	11	6	....	....
Mar	16.30	16.55B	16.30	16.55	16.55	6	....	6	6	....	....
Year	13.20	17.00B	11.20	16.55	14.38	6	....	17	6	....	....
MARCH 1983 140.00 CALLS											
Jan	9.00	9.00	7.30	9.00	8.35	156	77	233	81	77	77
Feb	8.60	12.25B	5.40	9.65	9.09	185	1	1,061	404	96	404
Mar	11.40	14.10B	9.20A	9.55	11.87	83	....	313	398	....	....
Year	9.00	14.10B	5.40	9.55	10.11	185	....	1,607	404	....	....
MARCH 1933 145.00 CALLS											
Jan	5.75	6.00	4.10	5.65	5.15	737	471	1,208	643	487	643
Feb	5.50	7.70B	2.70	5.25	5.22	554	164	5,458	1,661	516	1,661
Mar	6.00	9.50B	3.90	4.50	7.04	288	....	1,460	1,644	....	....
Year	5.75	9.50B	2.70	4.50	5.91	737	....	8,126	1,661	....	....
MARCH 1983 150.00 CALLS											
Jan	3.50	3.50	2.25	3.00	2.78	520	300	820	380	266	266
Feb	2.80	3.80	1.00	1.75	2.27	857	135	7,566	3,105	337	3,105
Mar	2.30	5.25	0.05	0.05	2.56	592	13	4,837	3,730	....	....
Year	3.50	5.25	0.05	0.05	2.41	857	13	13,223	3,730	....	....
MARCH 1983 155.00 CALLS											
Jan	1.25	1.40	1.10	1.40	1.30	31	5	36	34	5	34
Feb	1.30	1.70	0.35	0.55	0.92	157	....	751	237	34	237
Mar	0.80	1.60	0.05	0.05	0.65	367	2	1,862	641	....	....
Year	1.25	1.70	0.05	0.05	0.84	367	....	2,649	641	....	....
MARCH 1983 160.00 CALLS											
Mar	0.50	0.70B	0.05	0.05	0.05	52	....	79	53	....	....
Year	0.50	0.70B	0.05	0.05	0.05	52	....	79	53	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

JUNE 1983 140.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Feb	9.50	15.75B	9.50	13.00	12.30	2	....	4	3	1	2
Mar	14.20	16.00B	11.20A	13.50	14.27	20	....	42	43	2	43
Apr	14.25	24.15B	11.20A	24.15	17.80	18	....	30	53	33	33
May	....	27.30B	21.70A	22.20	24.74	....	....	....	33	4	4
Jne	21.50	25.00B	21.25A	29.15	24.33	2	....	3	4	....	....
Year	9.50	27.30B	9.50	29.15	18.40	20	....	79	53	....	....

JUNE 1983 145.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	8.00	8.90B	7.80A	8.90	8.50	18	4	22	20	3	20
Feb	7.80	12.00B	6.30	8.70	8.85	13	....	43	40	23	40
Mar	11.50	12.50B	7.70	9.45	10.37	82	....	333	131	34	69
Apr	9.20	18.50B	7.50	19.25	13.37	44	....	165	129	89	101
May	19.95	22.30B	15.30	17.20	19.79	19	....	61	93	9	9
Jne	17.85	20.25B	16.80A	24.15	19.35	5	....	5	9	....	....
Year	8.00	22.30B	6.30	24.15	13.80	82	....	629	131	....	....

JUNE 1983 150.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	4.70	6.00B	4.70	5.80	5.60	9	4	13	6	6	6
Feb	5.25	8.30	4.50A	6.20	6.21	9	....	39	32	6	32
Mar	7.50	9.20B	4.95	5.65	7.17	288	1	1,306	426	41	392
Apr	6.00	14.75B	4.45	14.25	9.40	245	4	1,800	745	388	490
May	13.85	17.80	10.75A	12.25	14.95	44	....	220	482	49	49
Jne	15.30	18.90B	10.55A	19.15	14.36	6	....	8	55	....	....
Year	4.70	18.90B	4.45	19.15	9.98	288	....	3,386	745	....	....

JUNE 1983 155.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	5.00	5.00	5.00	5.00	5.00	....	....	....	....	....	....
Feb	3.00	5.70B	3.00	3.90	4.36	3	....	24	11	....	11
Mar	4.75	6.65B	3.00	3.25	4.55	224	1	1,388	433	24	433
Apr	3.50	10.60	2.55	10.50	6.01	350	32	2,816	905	440	869
May	9.50	13.10B	6.40A	7.45	10.25	505	....	893	920	806	896
Jne	7.90	13.90B	5.90A	14.15	9.41	59	....	227	896	....	....
Year	5.00	13.90B	2.55	14.15	6.68	505	....	5,348	920	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

JUNE 1983 160.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Feb	2.50	3.30	2.05A	2.60	2.83	4	....	16	8	2	8
Mar	4.00	4.40B	1.50A	1.90	2.69	101	....	591	302	8	302
Apr	1.90	6.60	1.25	6.50	3.27	365	8	3,195	1,565	301	1,565
May	6.20	8.90	2.30	3.30	6.04	297	9	2,897	1,863	1,445	1,675
Jne	3.15	9.60B	1.40	9.15	4.66	531	....	1,988	2,377	....	....
Year	2.50	9.60B	1.25	9.15	3.95	531	....	8,687	2,377	....	....

JUNE 1983 165.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Mar	2.50	2.50	0.75	0.90	1.35	11	....	53	32	1	31
Apr	0.80	3.50	0.50A	3.35	1.54	392	....	1,346	773	31	773
May	3.40	5.20	0.65	0.80	2.79	854	103	6,467	2,067	872	2,067
Jne	0.80	4.60B	0.15	4.15	1.20	1,018	3	6,001	2,973	....	....
Year	2.50	5.20	0.15	4.15	1.80	1,018	....	13,867	2,973	....	....

JUNE 1983 170.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Apr	0.80	1.80	0.65A	1.80	1.10	48	1	124	84	1	84
May	1.50	2.30	0.15	0.15	1.01	635	11	3,024	831	91	790
Jne	0.15	0.30	0.05	0.05	0.10	660	....	1,277	984	....	....
Year	0.80	2.30	0.05	0.05	0.75	660	....	4,425	984	....	....

JUNE 1983 175.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
May	0.75	0.80	0.05	0.05	0.22	108	....	270	233	1	219
Jne	0.05	0.05	0.05	0.05	0.05	10	....	10	227	....	....
Year	0.75	0.80	0.05	0.05	0.15	108	....	280	233	....	....

SEPTEMBER 1983 140.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Feb	15.00	17.50B	13.00A	15.80	15.40	1	....	2	2	1	2
Mar	....	18.20B	14.00A	16.00	16.50	....	....	....	2	2	2
Apr	....	25.25B	14.50A	25.25	19.28	....	....	....	2	....	2
May	....	28.15B	22.00A	26.80	26.08	....	....	....	2	2	2
Jne	30.20	32.70	22.60A	30.15	27.63	2	....	2	2	1	1
Jly	....	30.20B	28.00A	29.80	29.33	....	....	....	1	....	....
Year	15.00	32.70	13.00A	29.80	22.12	2	....	4	2	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

SEPTEMBER 1983 145.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	9.40	9.80B	9.40	9.80	9.80	1	1	1	1	1	1
Feb	10.00	14.60B	9.30A	12.50	10.99	2	....	6	7	1	7
Mar	13.40	15.50B	10.20A	12.00	12.89	1	....	1	8	7	8
Apr	10.75	21.00B	9.90A	21.00	15.27	7	....	14	11	8	11
May	20.75	24.00B	18.00A	19.00	21.56	1	....	2	11	10	11
Jne	25.40	27.70B	17.75A	25.15	22.73	1	....	1	11	8	8
Jly	22.80	26.00B	20.30A	20.80	23.12	2	....	4	9	5	5
Aug	....	21.00B	16.00A	19.95	18.38	....	....	....	5	5	5
Sep	....	21.60B	19.75A	20.40	21.07	....	....	....	5	....	....
Year	9.40	27.70B	9.30A	20.40	18.04	7	....	29	11	....	....

SEPTEMBER 1983 150.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	7.20	7.50B	7.20	7.50	7.50	1	1	1	1	1	1
Feb	8.40	10.00B	7.35A	9.00	8.64	3	....	3	4	1	4
Mar	8.80	11.30B	8.05A	9.00	9.76	1	....	3	4	3	4
Apr	7.60	16.50B	6.50A	16.50	11.75	6	....	25	11	4	11
May	16.50	18.65B	12.50	14.80	16.78	2	....	3	14	12	14
Jne	21.00	22.70B	13.00A	20.50	18.02	1	....	1	14	13	13
Jly	20.00	21.70B	15.50A	15.80	18.33	5	....	17	23	17	20
Aug	....	16.00B	10.90A	14.95	13.24	....	....	....	20	20	20
Sep	....	18.45B	14.75A	15.40	16.35	....	....	....	16	....	....
Year	7.20	22.70B	6.50A	15.40	13.93	6	....	53	23	....	....

SEPTEMBER 1983 155.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	5.80	5.90B	5.70A	5.90	5.90	1	1	1	1	1	1
Feb	6.00	7.80B	5.40	7.00	6.43	2	....	3	3	1	3
Mar	8.75	9.20B	6.10A	7.00	7.56	20	....	37	25	3	25
Apr	6.00	13.00B	5.75	13.00	8.92	12	....	52	32	20	30
May	12.10	15.60	9.00	10.35	12.87	200	....	595	445	28	445
Jne	10.00	18.20	8.50	15.70	13.71	202	....	285	701	644	701
Jly	13.50	16.90B	8.25	9.60	13.69	100	....	166	681	635	636
Aug	8.65	11.10B	5.65	10.00	8.85	30	....	158	656	624	631
Sep	10.00	14.00B	9.50A	10.40	11.37	12	....	32	632	....	....
Year	5.80	18.20	5.40	10.40	10.34	202	....	1,329	701	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

SEPTEMBER 1983 160.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Mar	4.70	6.70B	3.95A	5.00	5.36	7	....	19	17	5	17
Apr	5.15	10.10	3.90A	10.10	6.51	14	....	77	53	16	53
May	9.65	11.60B	6.40A	7.50	9.43	21	....	93	87	53	80
Jne	7.45	14.20B	5.50	11.40	10.03	44	1	352	265	87	236
Jly	11.30	12.70B	5.25A	6.00	9.77	179	1	494	338	241	338
Aug	6.00	7.05	2.55	5.35	5.03	167	7	1,151	680	343	680
Sep	5.25	9.40	4.20	4.60	6.34	83	....	293	607	....	....
Year	4.70	14.20B	2.55	4.60	7.53	179	....	2,479	680	....	....

SEPTEMBER 1983 165.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Mar	3.75	3.75	3.20A	3.20	3.20	2	2	2	2	2	2
Apr	2.70	7.00B	1.10A	7.00	4.32	24	....	58	48	2	48
May	7.25	9.00	3.80	5.00	6.70	70	....	342	222	42	222
Jne	4.50	10.75	3.25	7.70	6.57	294	5	1,276	762	249	743
Jly	7.75	8.70	2.60	3.15	6.29	299	6	1,519	1,010	591	1,010
Aug	2.95	3.60	0.75	1.70	2.22	628	43	4,557	3,002	1,002	3,002
Sep	1.80	4.45	0.002A	0.002	1.96	363	30	2,004	3,124	....	....
Year	3.75	10.75	0.002A	0.002	4.88	628	....	9,758	3,124	....	....

SEPTEMBER 1983 170.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Apr	4.80	5.30	4.80	5.30	5.30	2	2	2	2	2	2
May	4.75	6.50B	2.50	3.75	4.42	218	....	736	535	1	535
Jne	2.85	7.00	1.90	4.85	4.16	423	3	2,217	1,281	513	1,281
Jly	4.90	5.50	1.40A	1.70	3.67	394	23	4,453	2,380	1,333	2,309
Aug	1.50	1.95	0.15	0.30	0.87	483	19	2,436	2,566	2,193	2,441
Sep	0.30	0.90	0.002	0.002	0.29	289	3	1,503	2,513	....	....
Year	4.80	7.00	0.002	0.002	2.95	483	....	11,347	2,566	....	....

SEPTEMBER 1983 175.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
May	2.30	2.75	1.30	1.40	2.15	100	....	284	256	8	256
Jne	1.50	4.30	1.05	2.50	2.71	875	3	3,277	2,211	271	2,211
Jly	2.55	3.00	0.50	0.65	1.83	368	9	3,261	2,903	2,218	2,581
Aug	0.65	0.70	0.05	0.05	0.28	1,280	6	3,832	2,615	1,785	1,786
Sep	0.05	0.10	0.002	0.002	0.04	173	....	504	1,799	....	....
Year	2.30	4.30	0.002	0.002	1.47	1,280	....	11,158	2,903	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

SEPTEMBER 1983 180.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jne	1.80	2.15	0.85	1.30	1.43	330	3	828	568	3	546
Jly	1.20	1.35	0.25	0.25	0.84	416	1	833	671	545	671
Aug	0.25	0.25	0.05	0.05	0.11	71	....	220	681	649	660
Sep	0.002	0.002	0.002	0.002	0.002	68	....	71	660	....	....
Year	1.80	2.15	0.002	0.002	0.53	416	....	1,952	681	....	....

DECEMBER 1983 155.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Aug	13.00	13.50	10.30A	12.00	12.30	4	....	6	4	2	4
Sep	12.25	17.50B	12.00	13.80	14.74	56	....	68	57	5	57
Oct	....	18.50B	10.00A	10.60	14.69	....	....	....	57	7	7
Nov	12.05	13.75B	9.10A	11.40	11.57	11	....	11	15	7	14
Dec	....	10.50B	7.00A	6.65	10.46	....	....	....	14	....	....
Year	13.00	18.50B	7.0CA	6.65	13.10	56	....	85	57	....	....

DECEMBER 1983 160.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Aug	8.20	10.50B	7.00	8.60	8.32	27	....	63	52	10	52
Sep	8.75	12.80B	8.30	9.45	10.83	100	....	188	145	54	128
Oct	8.55	14.00B	5.80	6.55	10.19	161	....	621	465	116	465
Nov	5.85	9.25B	4.90	6.45	7.04	199	....	812	635	317	589
Dec	6.55	7.55B	1.85A	1.65	5.50	27	....	109	595	....	....
Year	8.20	14.00B	1.85A	1.65	8.70	199	....	1,793	635	....	....

DECEMBER 1983 165.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Apr	5.50	8.50B	5.50	8.50	7.10	2	....	5	5	2	5
May	9.25	10.00B	7.50A	7.50	9.06	2	....	2	6	5	5
Jne	8.20	12.25	5.70A	9.40	8.80	142	....	367	234	50	120
Jly	10.50	10.70B	5.50	5.50	9.24	27	....	40	125	120	123
Aug	5.50	7.50	4.35	5.80	5.73	78	....	370	219	123	170
Sep	5.90	9.00	5.65	5.65	7.28	136	....	527	355	164	355
Oct	5.30	10.00	2.90	3.60	6.34	1,046	....	2,614	1,386	373	1,197
Nov	3.15	4.75	2.10	2.30	3.32	1,193	7	3,164	1,052	586	681
Dec	2.30	2.90B	0.002A	0.002A	1.45	682	42	2,876	1,353	....	....
Year	5.50	12.25	0.002A	0.002A	6.78	1,193	....	9,965	1,386	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

DECEMBER 1983 170.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jly	6.00	8.00	4.15	4.20	6.24	111	. . . .	348	306	1	306
Aug	4.00	5.00	2.90	3.50	3.72	90	. . . .	418	414	315	414
Sep	3.50	5.90	2.90	3.00	4.42	376	6	2,115	1,520	436	1,520
Oct	2.85	6.00	1.10	1.30	3.36	756	28	4,121	2,659	1,536	2,630
Nov	1.40	1.85	0.45	0.45	1.02	479	76	4,094	3,526	2,772	3,397
Dec	0.40	0.60	0.002	0.002	0.15	1,834	10	3,908	3,228	. . . .	. . . .
Year	6.00	8.00	0.002	0.002	3.41	1,834	. . . .	15,004	3,526	. . . .	. . . .
DECEMBER 1983 175.00 CALLS											
Jly	3.80	6.00	2.80A	2.80	4.41	13	. . . .	27	17	5	15
Aug	2.80	3.30	1.80	2.10	2.40	85	. . . .	139	105	17	105
Sep	2.05	3.30	1.50	1.50	2.45	569	. . . .	2,898	2,481	106	2,477
Oct	1.35	2.20B	0.30	0.45	1.54	1,956	4	4,747	2,770	661	661
Nov	0.40	0.60	0.05	0.05	0.20	189	3	959	965	760	963
Dec	0.10	0.10	0.002	0.002	0.01	57	. . . .	118	961	. . . .	. . . .
Year	3.80	6.00	0.002	0.002	1.99	1,956	. . . .	8,888	2,770	. . . .	. . . .
DECEMBER 1983 180.00 CALLS											
Jne	4.00	4.00	3.80A	3.80	3.87	18	. . . .	18	18	18	18
Jly	3.80	4.00	1.95	1.95	3.24	26	. . . .	44	20	11	20
Aug	1.95	1.95	1.00	1.20	1.36	50	. . . .	255	243	22	242
Sep	1.40	1.80	0.75	0.75	1.19	153	. . . .	520	478	242	421
Oct	0.65	1.15	0.10	0.10	0.60	135	. . . .	532	541	399	532
Nov	0.10	0.15	0.002	0.002	0.04	61	. . . .	179	560	532	532
Dec	0.002	0.002	0.002	0.002	0.002	1	. . . .	1	532	. . . .	. . . .
Year	4.00	4.00	0.002	0.002	1.30	153	. . . .	1,549	560	. . . .	. . . .
DECEMBER 1983 185.00 CALLS											
Sep	0.65	0.70B	0.35	0.35	0.41	11	. . . .	31	25	2	25
Oct	0.25	0.25	0.05	0.05	0.13	205	. . . .	403	388	25	388
Nov	0.05	0.05	0.05	0.05	0.05	1	. . . .	1	388	388	388
Dec	. . . .	. . . .	. . . .	0.002	0.002	. . . .	. . . .	. . . .	388	. . . .	. . . .
Year	0.65	0.70B	0.05	0.002	0.13	205	. . . .	435	388	. . . .	. . . .

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

MARCH 1984 155.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Nov	15.20	15.20	14.65	14.25	14.85	200	....	200	200	200	200
Dec	....	12.70B	10.00A	12.55	12.46	....	....	....	200	200	200
Year	15.20	15.20	10.00A	12.55	12.84	200	....	200	200	200	200

MARCH 1984 160.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Aug	11.50	12.50B	10.60A	10.60	10.77	11	....	11	11	11	11
Sep	13.50	14.00	12.00A	12.85	13.25	2	....	4	12	11	12
Oct	13.10	15.50	9.50A	10.00	12.95	10	....	15	16	12	16
Nov	11.20	11.50B	9.10A	10.10	10.27	200	....	200	216	16	216
Dec	9.40	10.50B	6.00	8.15	8.23	719	....	2,904	2,947	216	2,947
Year	11.50	15.50	6.00	8.15	11.12	719	....	3,134	2,947	11	2,947

MARCH 1984 165.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Aug	8.75	8.75	8.00A	8.25	8.56	10	....	20	20	10	20
Sep	....	11.00B	9.60A	9.60	10.19	....	....	....	20	20	20
Oct	....	11.50B	6.40A	6.80	9.53	....	....	....	20	20	20
Nov	6.50	8.10B	5.60	6.60	6.99	11	....	45	34	21	34
Dec	6.50	6.80B	3.00	4.45	4.83	176	5	637	487	39	487
Year	8.75	11.50B	3.00	4.45	8.00	176	....	702	487	10	487

MARCH 1984 170.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jne	8.30	8.30	8.30	8.30	8.30	1	1	1	1	1	1
Jly	....	10.00B	....	8.00	8.61	....	....	....	1	1	1
Aug	6.75	6.75	5.75A	6.10	6.91	20	....	20	21	1	21
Sep	6.25	9.40	6.25	6.40	7.53	4	....	9	27	21	27
Oct	6.30	9.20B	3.75	4.30	6.65	29	....	147	128	27	128
Nov	4.30	5.30	3.60	4.20	4.42	886	1	1,687	1,556	159	1,556
Dec	4.15	4.25B	1.40	1.75	2.44	1,716	5	7,838	4,261	1,078	4,261
Year	8.30	10.00B	1.40	1.75	6.12	1,716	....	9,702	4,261	1	4,261

MARCH 1984 175.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jne	6.50	7.90	6.50	7.85	7.69	2	....	3	2	1	2
Jly	6.50	7.00B	5.75	5.75	7.01	2	....	5	6	2	6
Aug	4.00	5.00	4.00	4.50	4.46	20	....	40	31	8	31
Sep	5.50	6.25	4.20	4.40	5.33	26	....	70	71	31	70
Oct	4.60	6.45B	2.50A	2.75	4.52	49	....	276	184	71	179
Nov	2.50	3.30	2.00	2.20	2.56	599	....	1,422	895	176	824
Dec	2.10	2.20	0.45A	0.70	1.13	603	3	3,796	1,590	854	1,440
Year	6.50	7.90	0.45A	0.70	4.37	603	....	5,612	1,590	1	1,440

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

MARCH 1984 180.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jne	4.50	5.90B	4.30	4.50	4.79	1	....	4	4	1	4
Jly	4.75	6.60	4.50	4.50	5.12	70	....	184	153	4	153
Aug	3.50	3.60B	2.25	3.00	3.25	40	....	65	164	153	164
Sep	4.50	4.50	3.10A	3.10	3.81	50	....	110	258	164	258
Oct	2.95	4.40B	1.50	1.60	2.87	59	....	104	325	258	325
Nov	1.15	1.80B	1.05A	1.10	1.34	84	....	111	340	325	339
Dec	1.10	1.10	0.15	0.25	0.44	211	....	340	457	336	457
Year	4.50	6.60	0.15	0.25	2.92	211	....	918	457	1	457

MARCH 1984 185.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Oct	1.90	2.30B	0.80A	0.80	1.47	21	....	42	37	....	37
Nov	0.60	0.85	0.40	0.45	0.61	13	....	35	66	37	66
Dec	0.40	0.40	0.05	0.05	0.13	5	....	32	73	62	62
Year	1.90	2.30B	0.05	0.05	0.70	21	....	109	73	....	62

JUNE 1984 165.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Dec	6.60	6.60	6.60	7.60	7.37	2	....	3	3	....	3
Year	6.60	6.60	6.60	7.60	7.37	2	....	3	3	....	3

JUNE 1984 170.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Nov	6.50	7.50	6.50	7.50	6.75	2	....	4	4	....	4
Dec	7.00	7.00	3.80	4.50	4.99	32	....	100	95	10	95
Year	6.50	7.50	3.80	4.50	5.48	32	....	104	95	....	95

JUNE 1984 175.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Dec	4.40	4.40	2.50A	2.80	3.08	1	....	3	3	1	3
Year	4.40	4.40	2.50A	2.80	3.08	1	....	3	3	1	3

JUNE 1984 180.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Dec	2.40	2.40	1.15	1.50	1.73	10	....	14	13	2	13
Year	2.40	2.40	1.15	1.50	1.73	10	....	14	13	2	13

JUNE 1984 185.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Sep	4.00	4.00	4.00	4.00	4.00	5	....	5	5	....	5
Oct	....	....	2.50A	2.50	3.75	....	....	....	5	5	5
Nov	1.50	1.80B	1.50	1.80	2.08	2	....	2	7	5	7
Dec	1.00	1.00	0.60	0.80	0.88	11	....	22	20	6	20
Year	4.00	4.00	0 60	0.80	2.42	11	....	29	20	....	20

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX CALL OPTIONS ON FUTURES

SEPTEMBER 1984 175.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Dec	5.10	5.10	5.10	5.10	5.10	....	....	....	....	....	....
Year	5.10	5.10	5.10	5.10	5.10	....	....	....	....	....	....

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

MARCH 1983 135.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Feb	1.15	1.35	0.05	0.05	0.42	13	....	87	46	1	46
Mar	0.10	0.10	0.05	0.05	0.05	60	....	71	47	....	....
Year	1.15	1.35	0.05	0.05	0.27	60	....	158	47	....	....

MARCH 1983 140.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	3.00	2.60	1.85A	1.85	2.08	141	120	261	157	113	157
Feb	1.80	3.20	0.25	0.40	1.00	505	25	2,551	947	212	947
Mar	0.25	0.35	0.05	0.05	0.08	180	....	581	1,124	....	....
Year			0.05	0.05	0.74	505	....	3,393	1,124	....	....

MARCH 1983 145.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	4.50	5.00	3.30	3.30	3.78	240	155	395	216	194	216
Feb	3.35	5.80	0.55	1.00	2.12	849	58	4,046	1,822	250	1,822
Mar	0.95	0.95	0.05	0.05	0.21	840	....	3,289	2,456	....	....
Year	4.50	5.80	0.05	0.05	1.49	849	....	7,730	2,456	....	....

MARCH 1983 150.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Jan	7.00	7.50	6.00A	6.00	6.70	15	14	29	19	14	19
Feb	6.35	8.65	1.35	2.50	4.13	537	....	2,949	1,324	23	1,324
Mar	2.00	2.00	0.10	0.45	0.74	1,392	....	9,597	3,448	....	....
Year	7.00	8.65	0.10	0.45	2.98	1,392	....	12,575	3,448	....	....

MARCH 1983 155.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Feb	6.20	9.20B	4.25A	6.25	6.40	30	....	76	59	15	59
Mar	4.70	6.05	2.30	5.40	3.76	254	....	1,159	497	....	....
Year	6.20	9.20B	2.30	5.40	4.97	254	....	1,235	497	....	....

MARCH 1983 160.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Mar	6.10	10.50	6.10	10.50	8.42	1	....	2	1	....	....
Year	6.10	10.50	6.10	10.50	8.42	1	....	2	1	....	....

JUNE 1983 135.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Mar	1.10	1.50	0.40	0.50	0.88	14	....	81	64	4	64
Apr	0.60	0.60	0.05A	0.05	0.26	12	....	30	87	75	86
May	0.05	0.05	0.05	0.05	0.05	1	1	1	86	86	86
Jne	....	....	....	0.05	0.05	....	....	....	86	....	....
Year	1.10	1.50	0.05	0.05	0.34	14	....	112	87	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

JUNE 1983 140.00 CALLS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Feb	4.80	4.85B	2.15	2.50	3.16	10	....	44	31	1	30
Mar	1.75	2.25	0.80	1.05	1.59	67	....	416	241	26	241
Apr	1.20	1.50	0.10	0.10	0.54	43	....	351	319	257	306
May	0.10	0.10	0.05	0.05	0.05	21	....	54	310	299	299
Jne	0.05	0.05	0.05	0.05	0.05	8	....	9	301	....	....
Year	4.80	4.85B	0.05	0.05	1.13	67	....	874	319	....	....
JUNE 1933 145.00 PUTS											
Jan	7.50	7.50	7.00A	7.50	7.50	1	1	1	1	1	1
Feb	7.00	7.70B	2.80	4.60	5.08	25	....	78	49	5	49
Mar	3.75	4.00	1.55	2.40	2.78	135	6	1,020	370	64	370
Apr	2.25	2.55	0.20	0.20	1.07	91	5	654	527	371	526
May	0.25	0.30	0.05	0.05	0.11	43	....	112	535	520	522
Jne	....	....	....	0.05	0.05	....	....	....	522	....	....
Year	7.50	7.70B	0.05	0.05	1.92	135	....	1,865	535	....	....
JUNE 1983 150.00 PUTS											
Feb	6.50	8.00B	5.00	6.40	6.34	15	....	56	47	3	47
Mar	6.00	6.20	2.75	4.00	4.48	313	17	2,034	809	68	809
Apr	3.90	4.70	0.50	0.55	2.02	298	50	2,813	1,457	660	1,284
May	0.50	0.65	0.05	0.05	0.19	251	....	1.100	1,323	1,208	1,306
Jne	0.05	0.05	0.05	0.05	0.05	14	....	16	1,314	....	....
Year	6.50	8.00B	0.05	0.05	2.46	313	....	6,019	1,457	....	....
JUNE 1983 155.00 PUTS											
Feb	6.50	8.00B	6.50	8.00	7.45	1	....	1	1	1	1
Mar	7.05	9.00	4.60	6.35	6.78	95	....	520	204	1	204
Apr	6.15	7.50	1.10	1.15	3.60	243	9	2,494	1,318	221	1,318
May	1.05	1.40	0.05	0.25	0.52	586	13	2,452	1,480	1,327	1,352
Jne	0.30	0.30	0.05	0.05	0.08	54	....	296	1,437	....	....
Year	6.50	9.00	0.05	0.05	3.27	586	....	5,763	1,480	....	....
JUNE 1983 160.00 PUTS											
Mar	9.00	10.50B	7.40	9.20	9.00	4	....	12	7	....	7
Apr	9.00	10.50B	2.00	2.20	5.82	429	....	2,195	1,165	6	1,165
May	2.15	3.10	0.35	1.05	1.27	354	62	3,957	1,939	1,245	1,701
Jne	1.05	1.15	0.05	0.05	0.34	431	....	2,402	2,389	....	....
Year	9.00	10.50B	0.05	0.05	3.85	431	....	8,566	2,389	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

JUNE 1983 165.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
Apr	8.20	8.60B	3.90	4.10	6.70	54	....	149	71	2	71
May	4.20	5.25	1.30	3.55	3.04	378	10	3,306	1,170	83	1,170
Jne	3.55	4.60	0.05	0.05	1.85	617	1	2,469	1,634	....	....
Year	8.20	8.60B	0.05	0.05	3.63	617	....	5,924	1,634	....	....
JUNE 1983 170.00 PUTS											
Apr	11.20	12.15B	7.30	7.30	9.60	4	....	5	3	....	3
May	7.00	9.50	3.90	7.90	6.22	50	....	234	123	3	123
Jne	8.00	9.20B	0.70	0.85	5.62	27	....	110	132	....	....
Year	11.20	12.15B	0.70	0.85	6.56	50	....	349	132	....	....
JUNE 1983 175.00 PUTS											
May	9.80	12.70B	8.05A	12.70	10.61	3	....	16	10	....	9
Jne	10.50	13.20B	5.75	5.85	10.64	7	....	15	12	....	....
Year	9.80	13.20B	5.75	5.85	10.62	7	....	31	12	....	....
SEPTEMBER 1983 135.00 PUTS											
Jne	0.05	0.05	0.05	0.05	0.05	3	....	5	5	1	5
Jly	....	....	....	0.05	0.05	....	....	....	5	5	5
Aug	....	....	....	0.05	0.05	....	....	....	5	5	5
Sep	....	....	....	0.002	0.04	....	....	....	5	....	....
Year	0.05	0.05	0.05	0.002	0.05	3	....	5	5	....	....
SEPTEMBER 1983 140.00 PUTS											
Feb	6.25	6.30B	3.40A	4.00	4.61	2	....	3	3	1	3
Mar	3.00	5.30B	1.95A	2.20	3.37	7	....	8	9	7	7
Apr	3.30	3.30	0.60	0.60	1.73	15	....	52	42	7	42
May	0.40	0.70B	0.30	0.30	0.46	5	....	11	46	42	46
Jne	0.30	0.35B	0.10	0.10	0.20	11	....	25	69	46	69
Jly	0.10	0.15	0.05A	0.05	0.09	12	....	13	78	69	78
Aug	....	....	....	0.05	0.05	....	....	....	78	78	78
Sep	....	....	....	0.002	0.04	....	....	....	78	....	....
Year	6.25	6.30B	0.05A	0.002	1.25	15	....	112	78	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

SEPTEMBER 1983 145.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jan	8.90	8.90	8.90	8.90	8.90	1	1	1	1	1	1
Feb	6.50	9.10B	4.90A	5.50	6.97	1	....	1	2	1	2
Mar	5.40	6.50B	3.35A	4.00	4.83	3	....	6	6	2	6
Apr	3.20	4.65B	1.10A	1.10	2.69	4	....	22	20	6	20
May	1.30	1.45B	0.50	0.50	0.96	10	....	17	35	20	35
Jne	0.50	0.60	0.15A	0.20	0.35	10	....	52	68	35	68
Jly	0.30	0.30	0.10	0.10	0.16	27	....	59	103	68	100
Aug	0.15	0.20	0.05	0.05	0.11	22	....	70	141	96	141
Sep	....	....	....	0.002	0.04	....	....	....	141	....	....
Year	8.90	9.10B	0.05	0.002	2.14	27	....	228	141	....	....

SEPTEMBER 1983 150.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Mar	6.90	6.90	4.95A	5.60	5.51	2	....	7	5	2	5
Apr	6.00	7.00B	2.00	2.00	4.16	5	....	25	15	3	15
May	2.80	2.80	0.90	1.00	1.44	5	....	37	37	16	36
Jne	1.05	1.10	0.30	0.45	0.65	26	....	125	113	36	113
Jly	0.50	0.60	0.20	0.40	0.39	16	....	106	131	114	131
Aug	0.40	0.65	0.05A	0.05	0.27	97	....	217	296	130	296
Sep	....	....	....	0.002	0.04	....	....	....	296	....	....
Year	6.90	7.00B	0.05A	0.002	1.47	97	....	517	296	....	....

SEPTEMBER 1983 155.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Mar	9.40	11.65B	6.95A	9.00	9.29	2	....	4	3	1	3
Apr	6.20	10.05B	3.15A	3.20	6.06	14	....	44	41	3	41
May	3.40	3.80	1.40	2.00	2.44	277	....	734	612	36	612
Jne	2.00	2.50	0.50	0.80	1.23	220	....	524	780	614	780
Jly	0.80	1.30	0.20	0.90	0.83	111	2	573	886	788	888
Aug	1.05	2.00	0.05	0.05	0.73	164	14	1,396	1,055	868	1,055
Sep	0.05	0.10	0.002	0.002	0.04	56	....	86	1,052	....	....
Year	9.40	11.65B	0.002	0.002	2.94	277	....	3,361	1,055	....	....

SEPTEMBER 1983 160.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Apr	8.00	8.00	4.90A	4.90	6.58	24	....	43	41	1	41
May	5.80	5.80	2.60	3.75	3.90	30	....	174	150	41	149
Jne	4.20	4.60	1.20	1.60	2.46	252	6	1,425	840	157	824
Jly	1.80	2.75	0.65	2.25	1.76	230	23	1,483	878	740	862
Aug	2.40	4.10	0.35	0.35	1.90	281	36	2,677	1,309	925	1,309
Sep	0.35	0.50	0.002	0.002	0.09	184	1	731	1,523	....	....
Year	8.00	8.00	0.002	0.002	2.62	281	....	6,533	1,523	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

SEPTEMBER 1983 165.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
May	8.00	8.00	4.10A	6.00	5.45	34	....	180	103	1	103
Jne	6.05	7.50	2.05	2.80	4.00	210	1	1,438	732	105	727
Jly	2.90	5.10	1.35	4.40	3.21	253	22	1,891	1,170	729	1,122
Aug	4.70	6.85	1.70	1.80	4.07	435	16	2,183	1,742	995	1,742
Sep	1.75	2.00	0.05	0.50	0.73	560	11	3,206	2,726	....	....
Year	8.00	8.00	0.05	0.50	3.81	560	....	8,898	2,726	....	....
SEPTEMBER 1983 170.00 PUTS											
May	7.10	10.00B	6.40	9.00	8.16	214	....	450	347	....	346
Jne	8.90	10.00B	3.30	4.75	6.35	205	....	1,017	758	346	728
Jly	4.90	8.40	2.85	7.85	5.53	240	15	1,871	1,520	867	1,520
Aug	8.10	10.40B	5.30	5.35	7.70	165	....	833	1,575	1,257	1,257
Sep	5.00	5.50	1.60A	5.60	4.04	424	....	1,171	1,519	....	....
Year	7.10	10.40B	1.60A	5.60	6.56	424	....	5,342	1,575	....	....
SEPTEMBER 1983 175.00 PUTS											
May	11.50	14.00B	9.50	13.00	11.79	100	....	195	105	2	105
Jne	13.00	13.30	5.10	7.60	9.32	108	....	264	256	108	244
Jly	8.50	13.00B	5.40	12.00	8.63	101	....	202	248	212	238
Aug	11.50	15.75	9.30A	10.10	12.08	28	....	163	263	83	83
Sep	6.70	10.30B	5.65	10.60	8.76	4	....	11	84	....	....
Year	11.50	15.75	5.10	10.60	10.11	108	....	835	263	....	....
SEPTEMBER 1983 180.00 PUTS											
Jly	11.00	17.00B	9.20A	16.50	12.62	25	....	83	59	....	59
Aug	16.50	20.50	14.25A	15.10	16.22	13	....	44	86	50	50
Sep	11.70	15.30B	10.80A	15.60	13.76	3	....	3	50	....	....
Y1ear	11.00	20.50	9.20A	15.60	14.40	25	....	130	86	....	....
DECEMBER 1983 145.00 PUTS											
Jly	1.00	1.00	0.60	0.60	0.78	8	....	16	16	8	16
Aug	1.00	1.10	0.70	0.70	0.92	8	....	44	41	16	40
Sep	0.70	0.70	0.05	0.05	0.28	15	....	48	68	40	68
Oct	0.05	0.05	0.05	0.05	0.05	15	....	48	96	68	95
Nov	0.05	0.05	0.002	0.002	0.05	2	....	3	96	93	93
Dec	....	....	....	0.002	0.002	....	....	....	93	....	....
Year	1.00	1.10	0.002	0.002	0.34	15	....	159	96	....	....

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

DECEMBER 1983 150.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume		Total Volume	Single Day Open Interest		Open Interest Mth End
						High	Low		High	Low	
May	1.30	1.30	1.30	1.30	1.30	2	2	2	2	2	2
Jne	1.40	1.55B	1.00A	1.00	1.37	4	....	4	6	2	6
Jly	1.35	1.35	0.90A	0.90	1.15	1	....	2	8	6	8
Aug	2.20	2.30	1.15A	1.15	1.65	10	....	40	32	8	32
Sep	1.00	1.00	0.20	0.20	0.51	17	....	76	77	32	77
Oct	0.25	0.25	0.05	0.10	0.10	10	....	46	97	79	97
Nov	0.05	0.15	0.05	0.05	0.05	36	....	120	182	96	182
Dec	0.002	0.002	0.002	0.002	0.002	4	....	8	182	....	....
Year	1.30	2.30	0.002	0.002	0.76	36	....	298	182	....	....
DECEMBER 1983 155.00 PUTS											
Apr	5.40	5.40	5.40	5.40	5.40	1	1	1	1	1	1
May	4.35	4.60B	2.95A	2.95	4.29	1	....	1	2	1	2
Jne	2.00	3.00B	2.00	2.05	2.55	5	....	9	11	2	11
Jly	2.00	2.80B	2.00	2.00	2.12	5	....	6	17	11	17
Aug	2.75	4.00	1.90	1.95	2.69	42	....	101	90	19	90
Sep	2.10	2.10	0.45A	0.50	0.98	59	....	225	167	91	167
Oct	0.50	0.50	0.15	0.35	0.28	36	...	256	252	162	252
Nov	0.35	0.45	0.002	0.05	0.14	70	....	469	493	253	490
Dec	0.002	0.002	0.002	0.002	0.002	10	....	19	490	....	....
Year	5.40	5.40	0.002	0.002	1.78	70	....	1,087	493	....	....
DECEMBER 1983 160.00 PUTS											
Jne	4.50	4.50	2.70A	3.40	3.32	1	....	2	2	1	2
Jly	3.25	4.20	2.80	3.90	3.41	50	....	85	69	2	69
Aug	4.40	5.90	3.40A	3.40	4.21	99	....	258	173	70	173
Sep	3.50	3.50	0.75	1.20	1.79	47	2	447	248	166	248
Oct	1.25	1.55	0.35	1.15	0.73	283	11	1,197	616	247	588
Nov	1.20	1.55	0.05	0.10	0.58	171	8	1,397	921	615	921
Dec	0.10	0.15	0.002	0.002	0.04	227	3	448	946	....	....
Year	4.50	5.90	0.002	0.002	2.12	283	....	3,834	946	....	....
DECEMBER 1983 165.00 PUTS											
May	7.00	7.80B	7.00	7.75	7.54	2	....	2	2	....	....
Jne	4.00	5.10	4.00	5.10	4.72	18	....	19	18	18	18
Jly	5.25	6.50	4.00	5.50	5.16	5	....	19	25	18	25
Aug	6.30	7.70B	5.20A	5.20	6.47	23	....	106	77	26	77
Sep	4.90	4.90	1.70	2.40	3.20	144	....	891	340	62	298
Oct	2.60	3.50	0.95	3.15	1.84	138	25	1,375	592	373	577

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

DECEMBER 1983 165.00 PUTS (continued)

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Nov	3.00	3.60	0.35	0.90	1.85	707	24	2,376	1,547	588	1,547
Dec	1.00	3.20B	0.30	3.35	0.99	626	142	3,593	1,705	....	....
Year	7.00	7.80B	0.30	3.35	3.74	707	....	8,381	1,705	....	....

DECEMBER 1983 170.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Jly	7.10	8.50B	5.50	8.50	6.63	10	....	28	22	1	22
Aug	8.35	10.50B	7.20	8.30	9.18	10	....	21	26	16	26
Sep	6.50	7.30	3.55	4.80	5.37	108	....	463	250	26	245
Oct	5.20	6.80B	2.00	5.90	3.83	212	17	1,674	753	249	622
Nov	6.05	7.10	1.95	4.00	4.52	132	1	751	690	575	690
Dec	3.95	8.20B	3.10	8.35	4.70	120	11	533	703	....	....
Year	7.10	10.50B	1.95	8.35	5.76	212	....	3,470	753	....	....

DECEMBER 1983 175.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep	7.50	10.00B	5.85	8.20	7.87	63	....	131	81	5	80
Oct	8.40	11.00B	3.90	9.90	6.97	319	....	1,272	750	73	639
Nov	10.30	11.50B	6.40	8.60	8.67	42	....	125	666	634	663
Dec	8.70	13.50B	7.90	13.35	9.54	15	....	20	663	....	....
Year	7.50	13.50B	3.90	13.35	8.10	319	....	1,548	750	....	....

DECEMBER 1983 180.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep	10.70	12.40	10.70	12.40	11.47	10	....	11	11	....	11
Oct	8.65	15.50B	7.50A	14.50	11.00	5	....	9	18	11	18
Nov	15.05	16.50B	11.10A	13.60	13.51	35	....	55	68	1	1
Dec	....	18.50B	13.50	18.50	14.55	92	....	134	93	....	....
Year	10.70	18.50B	7.50A	18.50	12.65	92	....	209	93	....	....

MARCH 1984 155.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Sep	1.55	1.80	1.70	1.70	1.70	10	....	10	10	10	10
Oct	1.80	1.80	0.85A	1.20	1.12	10	....	40	25	12	25
Nov	1.25	1.40	0.40	0.55	0.84	213	....	301	267	28	267
Dec	0.55	0.70	0.20	0.25	0.40	1,248	....	2,500	1,449	268	1,449
Year	1.55	1.80	0.20	0.25	0.81	1,248	....	2,851	1,449	10	1,449

MARCH 1984 160.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Oct	1.40	2.60B	1.35A	2.40	1.97	5	....	20	8	1	8
Nov	2.75	2.85	0.85	1.30	1.84	202	....	386	276	8	276
Dec	1.30	1.60B	0.80	0.85	1.12	1,561	4	6,575	3,785	360	3,784
Year	1.40	2.85	0.80	0.85	1.60	1,561	....	6,981	3,785	1	3,784

SPECIFICATIONS FOR STANDARD & POOR'S 500 STOCK PRICE INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to futures trading in the Standard and Poor's 500 Stock Price Index. The procedures for trading, clearing, settlement, and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATIONS — Each futures contract shall be valued at $500.00 times the Standard and Poor's 500 Stock Price Index.

TRADING MONTHS — Futures contracts shall be scheduled for delivery in March, June, September and December.

TICKER SYMBOL — SP

TRADING HOURS — 9:00 a.m. to 3:15 p.m.

PRICE INCREMENTS — Bids and offers shall be quoted in terms of the Standard and Poor's 500 Stock Price Index. The minimum fluctuation of the futures contract shall be .05 index points, equivalent to $25.00 per contract.

DAILY PRICE LIMIT — Effective January 28, 1983, the S & P 500 Stock Price Index Futures shall trade without limits.

TERMINATION OF TRADING — (The following paragraph is effective for contracts through the March '84 contract.)

Futures trading shall terminate on the third Thursday of the contract month. If the closing quotation for the Standard and Poor's 500 Stock Price Index is not published on that day, or that day is not an Exchange business day, futures trading shall terminate on the next business day for which a closing quotation of the Index is published.

(The following paragraph is effective for the June '84 and subsequent contracts.)

Futures trading shall terminate on the third Friday of the contract month. If the closing quotation for the Standard and Poor's 500 Stock Price Index is not published on that day, or that day is not an Exchange business day, futures trading shall terminate on the first preceding business day for which a closing quotation of the Index is published.

SETTLEMENT PRICE — The Settlement Price may be outside of the day's High/Low range, and/or may be different from the midpoint of the Closing Range, per C.M.E. Rule 813.

FINAL SETTLEMENT PRICE — The final settlement price shall be the closing quotation of the Standard and Poor's 500 Stock Price Index on the last day of trading.

CASH SETTLEMENT — Clearing members holding open positions in a Standard and Poor's 500 Stock Price Index futures contract at the time of termination of trading in that contract shall make payment to or receive payment from the Clearing House in accordance with normal variation margin procedures based on a settlement price equal to the final settlement price.

SPECIFICATIONS FOR STANDARD AND POOR'S 100 STOCK PRICE INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to futures trading in the Standard and Poor's 100 Stock Price Index. The procedures for trading, clearing, settlement, and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATIONS — Each futures contract shall be valued at $200.00 times the Standard and Poor's 100 Stock Price Index.

TRADING MONTHS — Futures contracts shall be scheduled for delivery in January, February, March, April, May, June, July, August, September, October, November and December.

TICKER SYMBOL — SX

TRADING HOURS — 9:00 a.m. to 3:15 p.m.

PRICE INCREMENTS — Bids and offers shall be quoted in terms of the Standard and Poor's 100 Stock Price Index. The minimum fluctuation of the futures contract shall be .05 index points, equivalent to $10.00 per contract.

DAILY PRICE LIMIT — No limit.

TERMINATION OF TRADING — Futures trading shall terminate on the third Friday of the contract month. If the closing quotation for the Standard and Poor's 100 Stock Price Index is not published on that day, or that day is not an Exchange business day, futures trading shall terminate on the first preceding business day for which a closing quotation of the Index is published.

SETTLEMENT PRICE — The Settlement Price may be outside of the day's High/Low range, and/or may be different from the midpoint of the Closing Range, per C.M.E. Rule 813.

FINAL SETTLEMENT PRICE — The final settlement price shall be the closing quotation of the Standard and Poor's 100 Stock Price Index on the last day of trading.

CASH SETTLEMENT — Clearing members holding open positions in a Standard and Poor's 100 Stock Price Index futures contract at the time of termination of trading in that contract shall make payment to or receive payment from the Clearing House in accordance with normal variation margin procedures based on a settlement price equal to the final settlement price.

SPECIFICATIONS FOR RANDOM LENGTH LUMBER FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to futures trading of "S-Dry" random length lumber. The procedures for trading, clearing, inspection, delivery, settlement and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATIONS — Each delivery unit shall consist of nominal 2x4's of random lengths from 8 feet to 20 feet. Each delivery unit shall consist of and be grade stamped CONSTRUCTION and STANDARD, STANDARD AND BETTER, or #1 and #2; however, in no case may the quantity of Standard grade or #2 grade exceed 50%. Each delivery unit shall be manufactured in California, Idaho, Montana, Nevada, Oregon, Washington, Wyoming, or Alberta or British Columbia, Canada, and contain lumber produced from and grade stamped Alpine Fir, Englemann Spruce, Hem-Fir, Lodgepole Pine and/or Spruce-Pine-Fir.

TRADING MONTHS — Futures contracts shall be scheduled for delivery in January, March, May, July, September and November.

TRADING UNIT — The unit of trading shall be 130,000 board feet.

TICKER SYMBOL — LB

TRADING HOURS — 9:00 a.m. to 1:05 p.m.

PRICE INCREMENTS — Minimum price fluctuations shall be in multiples of $.10 per thousand board feet.

DAILY PRICE LIMIT — There shall be no trading at a price more than $5.00 per thousand board feet above or below the previous day's settlement price.

TERMINATION OF TRADING — Trading shall terminate on the business day immediately preceding the 16th calendar day of the contract month.

SPECIFICATIONS FOR OPTIONS ON STANDARD AND POOR'S 500 STOCK PRICE INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

SCOPE OF CHAPTER — This chapter is limited in application to trading in put and call options on the Standard and Poor's 500 Stock Price Index futures contract ("S&P options"). The procedures for trading, clearing, inspection, delivery and settlement and any other matters not specifically covered herein shall be governed by the rules of the Exchange.

COMMODITY SPECIFICATIONS — The trading unit shall be an option to buy, in the case of the call, or to sell in the case of the put, one Standard and Poor's 500 Stock Price Index futures contract.

TRADING MONTHS — Options contracts shall be listed for March, June, September and December.

TICKER SYMBOL — OS

TRADING HOURS — 9:00 a.m. to 3:15 p.m.

PRICE INCREMENTS — The price of an option shall be quoted in index points. Each .01 index point (1 basis point) shall represent $5. The minimum price fluctuation shall be .05 index points, except that trades may occur at a price of .002 index points ($1.00) if such trades result in the liquidation of positions for both parties to the trade.

EXERCISE PRICES — The exercise prices shall be stated in terms of the Standard and Poor's 500 Stock Price Index futures contract which is deliverable upon exercise of the option and shall be an integer divisible by 5 without remainder, *e.g.*, 110, 115, 120, etc.

At the commencement of trading in a contract month, the Exchange shall list put and call options, with exercise prices at each of the next two levels above the previous day's settlement of the futures contract deliverable upon exercise of the option (the underlying futures contract) and put and call options with exercise prices at each of the next two levels below that settlement price. If any of the foregoing exercise prices are within 100 basis points of the settlement price of the underlying futures contract, then the Exchange shall list a fifth exercise price at the unoccupied level closest to the exercise price within 100 basis points of the settlement.

When a sale, bid, or offer in the underlying futures contract occurs at, or passes through, the second highest (or second lowest) listed exercise price, put and call option contracts at the next higher (or lower) exercise price shall commence trading on the next trading day. However, no new options shall be listed if less than 30 calendar days remain to maturity.

The Board may modify the provisions governing the establishment of exercise prices as it deems appropriate, subject to the provisions of Section 5a(12) of the Commodity Exchange Act and CFTC regulations thereunder.

DAILY PRICE LIMIT — No limit.

SETTLEMENT PRICE — The Settlement Price may be outside of the day's High/Low range, and/or may be different from the midpoint of the Closing Range, per C.M.E. Rule 813.

TERMINATION OF TRADING — Options trading shall terminate at the same date and time as the underlying futures contract.

EXERCISE OF OPTION — An option may be exercised by the buyer on any business day that the option is traded. Exercise of an option is accomplished by the clearing member representing the buyer presenting an exercise notice to the Clearing House by 5:00 p.m. on the day of exercise.

An option that is in the money and has not been liquidated or exercised prior to the termination of trading shall, in the absence of contrary instructions delivered to the Clearing House by 5:00 p.m. on the day of termination of trading by the clearing member representing the option buyer, be automatically exercised.

Exercise notices accepted by the Clearing House shall be assigned through a process of random selection to clearing members with open short positions in the same series. A clearing member to which an exercise notice is assigned shall be notified thereof as soon as practicable after such notice is assigned by the Clearing House, but not later than 45 minutes prior to the opening of trading in the underlying futures contract on the following business day.

The clearing member assigned an exercise notice shall be assigned a short position in the underlying futures contract if a call was exercised or a long position if a put was exercised. The clearing member representing the option buyer shall be assigned a long position in the underlying futures contract if a call was exercised and a short position if a put was exercised.

All such futures positions shall be assigned at a price equal to the exercise price of the option and shall be marked to market in accordance with C.M.E. Rule 814 on the trading day following acceptance by the Clearing House of the exercise notice.

ADDITIONAL CONTRACT
INFORMATION AVAILABLE IN THE
CHICAGO MERCANTILE EXCHANGE
RULE BOOK.

Section Two

I.O.M. CONTRACTS DAILY PRICE RANGES

S & P 500 STOCK INDEX FUTURES PRICES

Daily price range, volume and open interest on the Index and Option Market

(S & P 500--$500.00 times Standard and Poor's 500 Stock Price Index)

MARCH 1983 FUTURES CONTRACT IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Volume (Trades Cleared)	Open Interest
3......	142.90@143.00	143.25	138.55	138.90@139.10	139.00	19537	11788
4......	138.80@139.00	142.55	138.40	142.45@.55	142.50	26450	11520
5......	142.50@.60	144.15	141.30	143.00@142.80	142.90	27552	11544
6......	143.25@.40	*147.90*	142.75	147.05@146.90	146.95	30097	12313
7......	147.50@.65	#148.70	146.35	146.90@.15	147.00	28878	12437
10......	146.80@.65	#149.95	146.10	148.80@.65	148.70	28093	13524
11......	148.90@.75	149.05	146.80	147.80@.95	147.90	27038	13057
12......	147.90@148.00	#150.85	147.80	147.90@148.05	147.95	29983	14258
13......	148.15@.30	148.75	147.15	148.25@.00	148.10	25152	14449
14......	148.50@.35	149.85	147.80	148.30@147.90	148.10	20752	14431
17......	148.60@.90	150.45	148.25	148.40@.50	148.45	24870	14418
18......	147.45@.60	149.20	146.60	148.30@.40	148.35	27218	14624
19......	147.90@.60	148.20	145.60	146.20@.30	146.25	26737	14526
20......	146.50@.40	147.70	145.95	147.60@.70	147.65	23243	14297
21......	145.40@144.70	145.90	143.80	144.00@143.80	143.90	24168	13844
24......	142.50@.65	142.70	140.25	141.55@.75	141.65	26809	14080
25......	142.90@.80	142.90	141.55	142.10@.35	142.20	23875	14203
26......	141.80@.95	142.45	140.90	142.05@.20	142.15	24569	13725
27......	143.50@.40	146.35	143.05	146.25@.35	146.30	23777	14037
28......	146.25@2.00	146.95	144.60	145.252.40	145.35	20144	13704
31......	144.90@.75	147.40	144.50	147.30@.10	147.20	23153	13914
				IN FEBRUARY			
1......	147.25@.05	147.25	143.15	143.20@.30	143.25	22668	14385
2......	141.50@142.20	145.25	141.50	144.10@.00	144.05	27516	14707
3......	143.95@.80	145.90	143.80	144.85@145.00	144.90	25676	14905
4......	144.75@.50	148.50	144.40	148.50@.30	148.40	25954	15624
7......	148.40@.20	149.60	147.75	148.60@.50	148.55	25170	17218
8......	148.80@.90	149.15	146.05	146.05@.25	146.15	26449	16805
9......	146.15@.05	146.95	145.20	146.05@.20	146.15	25063	17186
10......	147.00@.20	150.10	147.00	149.90@150.10	150.00	25965	17100
11......	150.20@.30	150.75	148.40	148.70@.85	148.80	21494	17886
14......	148.95@149.15#	151.80	148.90	151.00@150.95	150.95	25129	18484
15......	151.25@.20	151.60	148.80	149.45@.25	149.35	28352	18213
16......	150.55@151.00	151.00	148.10	148.30@.15	148.25	30944	18327
17......	148.40@.50	149.55	147.25	149.15@148.95	149.05	26173	19359
18......	149.35@.50	150.45	148.75	149.15@.35	149.25	17946	18013
21......	Exchange Closed, Presidents Day						
22......	149.30@.60	149.65	145.90	146.20	146.25	26957	17092
23......	146.40@.55	149.00	146.20	148.75@.50	148.60	29832	17745
24......	149.20@.40	#152.25	149.15	151.80@.60	151.70	31059	20244
25......	152.10@.30	#152.65	150.50	150.85@151.10	151.00	25885	19460
28......	149.80@.50	150.60	148.25	149.10@.25	149.20	29966	17242
				IN MARCH			
1......	150.00@.15	#152.75	150.00	152.60@.40	152.50	31320	18014
2......	152.30@.50	#153.20	151.60	152.50@.60	152.55	28831	16658
3......	153.00@152.80	#154.50	152.80	153.30@.25	153.25	26347	16571
4......	152.75@.60	154.10	152.10	153.55@.80	153.65	21707	15328
7......	152.75@.60	153.90	151.80	153.50@.70	153.60	27883	14836
8......	152.90@.80	153.20	151.00	151.15@.00	151.10	24132	13891
9......	151.50@.60	153.15	151.00	152.90@.80	152.85	21533	13317
10......	152.80@.95	153.55	150.85	151.00@150.90	150.95	11025	11908
11......	151.05@.10	151.55	149.90	151.15@.30	151.25	5319	10499
14......	151.30@.45	152.00	150.05	151.60@.50	151.55	5055	9361
15......	150.85@.80	151.80	150.70	151.60@.35	151.50	3506	8441
16......	151.10@.00	151.75	149.10	149.30@.20	149.20	4615	7304
17......	149.70@.80	149.80	148.80	149.60@.50	149.59	3742	5818
18......	5535 Contracts Delivered					137	.....
21......	.....	.....	.....	.....	.....	14	.....
22......	.....	.....	.....	.....	.....	6	.....

B-Bid; A-Ask; N-Nominal; ##Determined by C.M.E. Rule 813; #New Contract High; *New Contract Low
Italic figures indicate limit high or low price; Effective Jan. 28, 1983, no daily price limit
Note: Volume or Open Interest may be affected by spreads and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries.

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1983 FUTURES CONTRACT IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	143.85	143.90B	139.25	139.75@.60	139.70	227	678
4	139.40	143.30	139.10	143.20@.10A	143.15	339	704
5	143.40	144.75	142.00A	143.65@.50A	143.55	348	733
6	143.90	*148.55*	143.45	147.75	147.70	503	774
7	148.30	#149.40	147.15	147.70	147.80	524	771
10	147.50	#150.75	146.90	149.55	149.55	690	747
11	149.75	149.90B	147.65	148.70	148.70	364	807
12	148.80	#151.65	148.65	148.70@.85	148.75	569	838
13	149.05	149.60	148.00	149.00@148.90A	148.95	303	876
14	149.25@.15	150.60B	148.75	149.15@.10	148.95	295	956
17	149.65	151.30	149.15	149.40@.30A	149.35	461	1086
18	148.55	150.10	147.55	149.15B@.40	149.25	524	1107
19	148.55@.50	149.05B	146.55	147.05@.00	147.05	437	1117
20	147.30	148.60	146.90A	148.50@.60	148.55	470	1192
21	146.20@.00	146.75	144.65	144.90@.75	144.75	369	1271
24	143.15@.20	143.25B	141.00	142.50	142.50	673	1394
25	143.65@.85	143.85	142.50A	143.00@.25	143.10	370	1390
26	142.85	143.30B	141.80	142.95@143.00	143.00	384	1399
27	144.30	147.15	143.95	147.102.15	147.10	631	1515
28	146.90@147.00	147.95	145.55	146.05@.25B	146.20	410	1552
31	145.90@.85	148.40	145.30	148.20@.00	148.05	478	1590

IN FEBRUARY

1	148.15@.10	148.15	144.00	144.00@.10	144.05	377	1582
2	142.50	146.15B	142.40A	145.05@144.90A	144.95	361	1621
3	144.90@.80	146.70	144.70	145.75@.85	145.80	408	1614
4	145.60	149.35	145.30	149.35@.25	149.30	456	1641
7	149.25	150.50	148.70	149.65@.55A	149.55	1236	2165
8	150.00@149.95	150.00	147.05	147.15@.25	147.20	769	2247
9	147.00@.05	148.00	146.30	147.10	147.10	527	2282
10	148.15 @.30	151.15	148.10	151.15	151.15	931	2343
11	151.45@.50	#151.90	149.40	149.90@.75A	149.80	685	2321
14	150.00	#152.80	149.85	152.15@.00A	152.05	853	2473
15	152.40	152.65	149.95	150.60@.45A	150.50	969	2734
16	151.80@.95	152.15	149.15	149.35@.20	149.30	1642	3003
17	149.95	150.55	148.30	150.15@.00	150.05	925	2999
18	150.40@.50	151.60	149.85	150.35@.50	150.40	1545	3344
21	Exchange Closed, President's Day						
22	150.50@.60	150.75	147.20	147.45@.70B	147.60	2413	3842
23	147.60@.65	150.25	147.45	150.05@149.80A	149.80	1363	3851
24	150.70@.80	#153.65	150.55	153.20@.00	153.00	3001	4289
25	153.40@.60	#154.05	151.70	152.20@.40	152.30	2173	4469
28	151.00@150.75	151.95	149.60	150.202.50	150.40	4210	5335

IN MARCH

1	151.50@.40	#154.25	151.40	154.10@153.80A	153.90	4313	6151
2	154.00@153.90	#154.60	153.00	154.20@153.80	153.95	4263	6451
3	154.40@.50	#155.90	154.20	154.50@.75	154.60	4602	7322
4	153.70@.85	155.35	153.35	154.90@155.25	155.00	5551	7449
7	153.80@.70	155.05	153.05	154.75@.90	154.85	6678	7950
8	154.00@.05	154.25	152.10	152.10@.35	152.25	8227	8648
9	152.60@.80	153.95	152.05	153.90@.80	153.80	10082	9387
10	153.80@154.05	154.50	151.45	151.50@.70	151.60	26579	11670
11	151.50@.70	152.20	150.25	151.95@.80	151.85	22075	12488
14	152.20@.10	152.85	150.50	152.25@.30	152.25	30774	13004
15	151.50@.40	153.00	151.35	152.60@.30	152.45	26466	14008
16	151.90@.80	152.80	149.10	149.10@.25	149.20	32217	14888
17	149.90@.70	150.15	148.80	149.50@.25	149.35	27689	14745
18	149.60@.50	150.70	149.20	150.30@.45	150.35	21110	14488
21	149.80@.60	152.40	149.55	152.20@.40	152.30	24415	14757
22	152.40@.25	152.40	150.50	151.00@.20	151.10	23239	15039
23	151.50@.40	155.20	151.25	154.60@.80	154.70	34319	15243
24	154.35@.50	155.45	153.70	155.00@154.75	154.85	27430	16312
25	154.75@.55	155.20	152.65	153.00@.25	153.15	24462	16253
28	153.55@.75	153.90	152.40	153.10@.20	153.15	21628	15812
29	153.75@.60	154.40	152.15	152.35@.25	152.30	27185	15928
30	152.60@.80	154.70	152.60	154.65@.50	154.55	25627	16308
31	154.90@155.00	#156.00	151.70	152.00@151.75	151.90	35311	16663

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1983 FUTURES CONTRACT IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	152.50@.35	153.40	151.85	153.15@.25	153.20	26326	16537
5	153.70@.90	154.20	151.35	151.65@.85	151.75	31559	17039
6	152.00@151.90	152.10	149.70	151.45@.25	151.35	35498	17916
7	151.10@.20	152.05	150.20	151.95@.70	151.80	29748	18464
8	151.80@.70	152.40	150.60	152.05@151.70	151.85	25898	18833
11	153.25@.10	155.20	153.05	155.05@.20	155.10	32352	18578
12	154.95@.85	155.70	154.15	155.55@.70	155.60	30261	19182
13	155.25@.40	#157.20	155.25	156.40@.30	156.35	33210	21410
14	156.70@.55	#158.50	155.60	158.50@.35	158.40	30622	21108
15	157.70@.50	#158.90	157.50	158.10@.25	158.20	23420	21253
18	158.00@.10	#159.40	157.45	159.10@.00	159.05	23520	21938
19	158.15@.30	158.45	157.00	157.90@158.00	157.95	31509	22432
20	158.20@.30	#160.55	157.85	160.15@.30	160.20	34166	22994
21	159.50@.80	#160.70	159.10	159.65@.80	159.75	30731	23497
22	159.70@.60	160.50	159.40	159.70@.95	159.80	22507	23642
25	160.30@.45	160.60	157.75	158.05@.20	158.15	25056	23245
26	158.15@.25	#162.25	157.65	162.05@.25	162.15	33574	22378
27	162.15@.00	#162.80	160.10	161.75@162.00	161.90	36726	23762
28	161.80@.60	#163.60	161.35	163.25@.35	163.30	33129	23249
29	163.40@.25	#164.70	162.60	164.20@.35	164.25	27880	23322
IN MAY							
2	164.40@.50	164.55	162.10	162.90@163.15	163.05	33323	23777
3	162.90@.80	163.50	161.80	163.30@.15	163.20	37387	23051
4	163.55@.45	#165.20	162.90	164.15@.30	164.20	35632	23355
5	163.85@.70	165.10	163.70	164.80@.95	164.85	30280	23144
6	165.00@.10	#168.35	165.00	167.45@.60	167.50	32125	22898
9	166.60@.70	168.00	165.95	167.20@.00	167.10	32194	24578
10	167.35@.50	167.90	166.90	167.20@.05	167.10	28740	24705
11	166.90@.70	167.30	165.30	165.90@.166.05	166.00	33078	24455
12	165.70@.60	166.00	164.50	165.25@.05	165.15	30160	23787
13	165.60@.75	166.70	165.55	165.90@.80	165.85	25049	23904
16	164.10@163.90	164.30	163.10	164.30@.15	164.25	28290	22823
17	164.20@.30	164.80	163.20	164.40@.70	164.55	30424	22977
18	164.85@165.00	165.80	163.00	163.00@.10	163.05	33570	22002
19	163.65@.50	163.80	161.65	162.05@.25	162.15	36966	22415
20	162.45@.30	162.45	161.10	161.85@162.00	161.95	29485	21059
23	160.50@.35	164.10	160.35	164.00@163.90	163.95	33868	21362
24	163.55@.65	166.35	163.55	166.25@.10	166.15	35822	22352
25	166.45@.55	167.25	165.10	167.00@166.80	166.90	41189	22122
26	166.75@.60	167.30	165.80	166.05@.20	166.15	31542	22205
27	166.75@.90	166.90	165.35	165.45@.70	165.60	18678	21715
30	Exchange Closed, Memorial Day						
31	164.70@.55	165.20	161.75	162.25@.15	162.20	33543	21010
IN JUNE							
1	162.20@.10	163.50	161.00	163.00@162.90	162.95	35521	20649
2	163.65@.80	164.55	162.50	164.40@.55	164.45	30334	20009
3	164.20@.05	165.60	164.05	164.60@.75	164.65	24591	20120
6	164.65@.55	165.95	163.65	165.40@.50	165.45	29014	20146
7	165.05@.20	165.40	161.80	162.00@161.80	161.90	37424	18712
8	162.20@.10	162.55	160.75	160.85@161.00	160.95	35470	18120
9	161.80@.90	162.40	160.35	161.85@.95	161.90	31943	17906
10	161.65@.90	163.00	161.65	162.40@.60	162.50	9547	16362
13	164.10@163.70	165.50	162.95	165.50@.25	165.35	8898	14445
14	164.75@.90	166.30	164.70	165.40@.30	165.35	6584	11804
15	165.25@.20	167.90	165.10	167.90@.65	167.85	4492	11024
16	167.80@.90	#169.80	167.70	169.35@.20	169.14	4885	9883
17	8712 Contracts Delivered					178	....
20	....	....	....	....	....	17	....
21	....	....	....	....	....	5	....
22	....	....	....	....	....	1	....

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	143.50	144.50B	140.20A	140.30A	140.30	6	113
4	....	143.75B	140.00A	143.75B	143.75	....	108
5	143.20	145.25B	142.90A	144.20B	144.20	4	109
6	144.55	*149.20*	144.40A	148.40A	148.40	27	125
7	149.00	#149.50B	148.00A	148.40B	148.40	38	109
10	148.30	#151.00B	147.80A	150.25A	150.25	27	96
11	150.30	150.50B	148.30A	149.40A	149.40	9	64
12	150.85	#152.10B	149.35A	149.45A	149.45	2	64
13	149.50	149.90B	148.90A	149.60B	149.60	1	63
14	151.00	151.20B	149.60A	149.70A	149.70	6	65
17	151.50	151.80B	150.00A	150.00A	150.00	2	65
18	148.65	150.50B	148.40A	149.80B	149.80	10	65
19	149.50	149.50	147.60	147.80B	147.80	12	67
20	....	149.30B	....	149.30B	149.30	....	67
21	146.50	147.20B	145.50A	145.50A	145.50	20	62
24	142.70	143.75B	141.70	143.15B	143.15	16	70
25	144.10	144.30B	143.30A	144.00@143.80A	143.90	5	71
26	143.10	143.80B	142.70A	143.65B	143.65	12	73
27	145.00	147.85B	144.80A	147.85B	147.85	6	75
28	148.00	148.40B	146.50A	146.85A	146.85	6	73
31	146.00	148.90B	146.00	148.60B	148.60	2	73
IN FEBRUARY							
1	148.60	148.65B	144.55	144.55@.60B	144.60	7	74
2	143.60	146.60B	143.60	145.60B	145.60	3	74
3	145.90	147.30B	145.30A	146.40A	146.40	2	71
4	146.25	149.95B	146.25	149.95B	149.95	14	76
7	150.20	151.10	149.70A	150.50A	150.50	61	94
8	150.50	150.80B	147.95A	147.95A	147.95	2	92
9	....	148.75B	147.30A	147.90A	147.90	....	92
10	149.50	152.00B	149.30	152.00B	152.00	6	93
11	152.50	#152.65B	150.40A	150.50A	150.50	14	96
14	151.85	#153.60B	151.85	153.00	153.00	28	100
15	152.30	153.30B	151.00	151.30	151.30	18	100
16	152.90	152.90	150.10A	150.10A	150.10	13	107
17	150.50	151.20B	149.40	151.00B	151.00	47	128
18	151.50	152.20B	151.30A	151.30A	151.30	1	126
21	Exchange Closed, President's Day						
22	150.40	151.50B	148.50A	148.75@.80	148.80	52	142
23	148.70@.60	151.10	148.60	150.80A	150.80	24	134
24	152.15	#154.90	152.15	154.10@	154.10	30	143
25	155.00	#155.00	153.00A	153.30A	153.30	43	156
28	151.60	152.90B	151.00A	151.40A	151.40	23	159
IN MARCH							
1	152.80@.60	#155.30B	152.60	154.90	154.90	33	174
2	154.70	#155.60	154.40	155.10B	155.10	29	173
3	155.70@.65	#156.90B	155.60	155.80B	155.80	15	178
4	154.50	156.50B	154.50	156.10A	156.10	21	178
7	155.20	156.30	154.30A	155.95A	155.95	18	189
8	154.80	155.40	153.30A	153.30A	153.30	22	191
9	153.90	154.90	153.10	154.80A	154.80	51	213
10	155.50	155.50	152.40	152.80@.60A	152.60	73	237
11	152.50	152.95	151.30	152.70	152.70	69	266
14	153.40	153.90	151.30	153.05@.15	153.10	78	259
15	153.00	153.90	152.30	153.30A	153.30	24	256
16	152.60	153.60	150.10	150.10	150.10	93	275
17	150.50	151.00	149.80	150.10	150.10	218	345
18	151.75	152.50B	151.50A	152.50B	152.50	192	401
21	150.40	153.15	150.40	153.00@.15	153.10	148	441
22	153.35@.20	153.35	151.40A	151.80@152.00	151.90	204	419
23	152.15	156.00B	152.15	155.60@.65	155.65	247	463
24	155.40	156.35B	154.75	156.10@155.90	155.90	482	548
25	155.80@.75	156.20	153.70	153.90@154.10B	154.10	477	656
28	154.60@.65	154.85	153.40	154.153@.20	154.15	284	658
29	154.70@.60	155.30B	153.20	153.40@.35	153.35	427	825
30	153.70	155.65	153.70	155.55@.50	155.55	274	866
31	155.95@.85	156.85	152.60	152.60@.90	152.85	499	968

1983 MONTHLY REVIEW OF CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTIONS ON FUTURES

MARCH 1984 165.00 PUTS

Period	Open	High	Low	Mth End Sett.	Avg. Sett.	Single Day Volume High	Single Day Volume Low	Total Volume	Single Day Open Interest High	Single Day Open Interest Low	Open Interest Mth End
Oct	2.55	4.80B	2.45A	4.30	3.47	8	....	31	14	....	13
Nov	4.50	5.00	2.20	2.85	3.45	56	....	258	172	13	172
Dec	3.00	3.50	2.10	2.15	2.69	1,177	4	5,776	1,954	169	1,710
Year	2.55	5.00	2.10	2.15	3.17	1,177	....	6,065	1,954	....	1,710
MARCH 1984 170.00 PUTS											
Sep	6.40	6.40	6.25	6.25	6.28	3	....	3	2	1	1
Oct	6.25	7.50B	4.00A	6.90	5.52	10	....	42	30	2	30
Nov	6.30	7.80	4.10	5.20	5.77	211	....	590	330	30	203
Dec	5.25	6.70	4.30	4.45	5.25	1,528	....	5,517	2,743	204	2,743
Year	6.40	7.80	4.00A	4.45	5.57	1,528	....	6,152	2,743	1	2,743
MARCH 1984 175.00 PUTS											
Oct	6.50	10.00B	6.50	10.20	9.07	1	....	2	1	1	1
Nov	10.80	11.00B	7.10	8.30	8.85	11	....	41	22	1	22
Dec	8.50	10.75B	7.70A	8.40	8.85	220	....	352	348	22	348
Year	6.50	11.00B	6.50	8.40	8.89	220	....	395	348	1	348
JUNE 1984 165.00 PUTS											
Dec	3.50	3.50	3.15	3.15	3.24	2	....	5	4	....	4
Year	3.50	3.50	3.15	3.15	3.24	2	....	5	4	....	4
JUNE 1984 170.00 PUTS											
Nov	5.50	5.50	4.50	4.50	5.25	2	....	4	4	....	4
Dec	4.50	6.30B	4.50	4.80	5.58	34	....	90	94	10	94
Year	5.50	6.30B	4.50	4.80	5.49	34	....	94	94	....	94

1983 EXCHANGE CLOSINGS

Feb 21 ... President's Day
Apr 1 ... Good Friday
May 30 ... Memorial Day
Jly 4 ... Independence Day
Sep 5 ... Labor Day
Nov 24 ... Thanksgiving Day
Nov 25 ... Exchange Move
Dec 26 ... Christmas

NUMBER OF BUSINESS DAYS DURING 1983: 252

Jan.	21	Apr.	20	Jly	20	Oct.	21
Feb	19	May	21	Aug	23	Nov	20
Mar	23	Jne.	22	Sep	21	Dec	21

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	153.45	154.30	152.85	154.10A@.05	154.10	250	968
5	154.75@.85	155.15	152.15	152.50@.70	152.60	354	1002
6	152.85@.75	153.00	150.65	152.10@.25B	152.20	486	1016
7	152.10	152.95	151.05	152.80A@.55	152.65	435	1043
8	152.70	153.20	151.50A	152.90A@.55	152.70	299	1090
11	154.15@.10	156.05	153.95	155.90@156.05	156.00	500	1188
12	155.90@.80	156.60	155.05	156.50@.60	156.55	568	1153
13	156.40@.30	#158.10	156.30	157.25@.30	157.30	578	1247
14	157.40@.50	#159.45	156.50A	159.45@.40	159.40	677	1299
15	158.60@.55	#159.85	158.55	159.05@.25	159.15	496	1371
18	158.95@159.00	#160.35	158.50	160.10@.00	160.05	833	1504
19	159.15	159.35	157.85	159.00@158.80	158.90	861	1684
20	159.25@.20	#161.40	158.85A	161.30@.20	161.20	940	1707
21	160.20@.25	#161.60	160.10	160.65@.75	160.70	499	1711
22	160.70@.65	161.40	160.30	160.55@.70B	160.65	345	1769
25	161.30	161.50	158.65	159.05@158.90	159.00	503	1768
26	159.00	#163.20	158.50	163.05@.20	163.10	750	1858
27	163.10@.00	#163.70	161.00	162.65@.75	162.75	902	1867
28	162.45@.40	#164.50	162.25	164.20@.15	164.15	569	1872
29	164.30	#165.60	163.50	165.20@.30	165.25	766	2027

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
2	165.45	165.50	163.10	164.00@.20	164.05	975	2282
3	163.80	164.60	162.90	164.40@.30	164.35	1926	2791
4	164.70@.60	#166.15	164.10	165.35@.50	165.35	1668	3053
5	165.00@164.90	166.15	164.85	165.90@166.00	165.95	781	3157
6	166.10@.15	#169.60	166.10	168.50@.70	168.60	1660	3564
9	167.80@168.00	169.20	167.20	168.35@.30A	168.35	1708	4001
10	168.55@.65	169.15	168.25	168.30@.25	168.30	832	4127
11	168.00@.10	168.45	166.10	167.15@.05	167.10	1408	4201
12	166.55@.65	167.00	165.55	166.35@.20	166.25	1354	4427
13	166.65@.80	167.75	166.65	167.15@.00	167.05	780	4541
16	165.20@.25	165.50	164.30	165.40@.50	165.45	1433	4584
17	165.40@.30	166.00	164.45	165.60@.85	165.70	1257	4694
18	166.05@.10	166.90	164.10	164.20@.10	164.15	1575	4896
19	164.65@.75	164.90	162.90	163.20@.15	163.25	2297	5113
20	163.40	163.55	162.25	163.20@.15	163.15	2187	5547
23	161.40@.50	165.25	161.40	165.15@.05	165.15	2683	5657
24	164.90@165.00	167.60	164.75	167.50@.40	167.45	3000	5816
25	167.80@166.10	168.45	166.30	168.20@.10	168.15	5417	7522
26	168.00@.10	168.55	167.05	167.15@.05	167.25	3737	8076
27	167.80@.95	167.95	166.55	166.65@.90	166.80	2581	8722
30	Exchange Closed, Memorial Day						
31	165.65@.50	166.35	162.80	163.20@.35	163.30	4352	9468

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	163.10@.20	164.55	162.10	164.00@163.85	163.95	5333	9667
2	164.75@.85	165.70	163.60	165.50@.60	165.55	5116	9640
3	165.40@.25	166.65	165.25	165.85@.70	165.75	4327	9874
6	165.75@.60	167.10	164.75	166.70@.85	166.65	6634	10875
7	166.50@.40	166.70	162.40	162.80@.40	162.70	10410	11519
8	162.80@163.00	163.25	161.20	161.60@.40	161.50	11972	13847
9	162.70@.60	163.40	160.70	162.60@.85	162.65	10689	13456
10	162.70@.55	163.70	162.40	163.20@.40	163.30	16194	14146
13	165.00@164.90	166.50	163.75	166.35@.50	166.40	32599	15879
14	166.00@165.80	167.50	165.60	166.20@.30	166.25	38783	16651
15	166.30@.10	169.35	165.90	169.15@.35	169.25	38365	18186
16	169.25@.35	#171.80	169.15	171.10@.25	171.15	42061	20615
17	170.95@.80	171.60	170.10	171.60@.30	171.45	23378	20506
20	171.20@.40	#172.30	169.85	170.60@.80	170.70	33336	21591
21	170.60@.50	#173.10	169.75	172.70@.60	172.65	40668	23186
22	172.90@.70	#173.85	171.60	171.85@.60	171.65	37552	23436
23	172.00@171.80	172.80	171.05	171.90@172.15	172.00	33793	23253
24	171.60@.75	172.30	171.00	171.00@.25	171.20	23632	22639
27	171.00@170.80	171.15	169.00	169.45@.60	169.55	32879	20741
28	170.25@.35	170.40	167.10	167.50@.40	167.45	35219	21838
29	167.40@.30	169.40	167.00	168.80@169.00	168.90	37349	22575
30	169.65@.45	170.20	169.10	170.10@.20	170.15	26345	22173

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	170.30@.20	170.75	169.55	170.32@.20	170.25	13471	21835
4	Exchange Closed, Independence Day						
5	167.75@.50	168.00	166.55	167.45@.60	167.55	24349	21109
6	167.95@.80	169.85	167.40	169.75@.85	169.80	27948	21054
7	169.00@.10	171.40	167.40	167.90@168.20	168.05	38629	21032
8	168.40@.55	168.90	167.45	168.20@.40	168.30	22759	20822
11	168.90@169.05	169.80	168.50	168.80@169.00	168.90	27359	21456
12	168.70@.55	168.80	166.15	166.25@.15	166.20	33186	21878
13	166.70@.55	167.20	165.90	166.70@.90	166.80	31637	22499
14	167.65@.75	168.45	166.70	167.05@.15	167.10	30506	22140
15	166.75@.55	166.75	164.65	165.02@.30	165.15	21809	21410
18	165.40@.50	166.20	164.70	165.40@.55	165.45	27486	21714
19	165.85@.75	166.80	165.75	166.30@.45	166.35	28622	22181
20	167.65@.75	170.40	167.55	170.30@.40	170.35	33871	21285
21	170.10@.00	171.50	169.45	170.95@171.10	171.00	35367	22062
22	170.50@.25	170.90	169.80	170.15@169.90	170.05	21169	22268
25	169.55@.40	172.10	169.30	171.10@.20	171.15	33786	23120
26	171.15@.05	172.45	170.40	171.30@.50	171.40	38286	22573
27	171.85@.70	172.25	168.00	168.35@.60	168.50	42866	23211
28	168.50@.35	168.85	165.55	165.55@.70	165.65	39352	23010
29	165.20@.30	165.40	162.45	163.60@.80	163.70	43747	24377
IN AUGUST							
1	163.50@.60	164.05	162.20	163.15@.00	163.10	40294	24428
2	163.75@.60	164.55	162.65	162.95@163.10	163.05	36753	23499
3	163.00@.10	164.85	162.30	164.45@.25	164.35	44056	23952
4	163.75@.60	164.15	159.80	161.50@.35	161.45	49173	24095
5	161.75@.65	163.10	161.05	162.85@.65	162.75	30476	23025
8	161.95@.80	161.95	160.25	160.60@.45	160.55	33470	23396
9	161.15@.25	161.80	159.25	161.55@.40	161.45	39365	24969
10	161.20@.00	163.40	160.50	162.55@.70	162.60	38568	23037
11	163.25@.40	163.40	162.15	162.50@.65	162.60	29706	24636
12	162.90@.70	163.60	162.70	163.45@.35	163.40	19745	22984
15	164.25@.40	165.70	164.20	164.35@.50	164.40	31158	23559
16	164.60@.70	164.95	163.20	164.10@.20	164.15	32782	22908
17	164.45@.60	166.25	164.25	165.75@.60	165.65	32927	22584
18	166.05@.20	166.25	163.50	163.60@.70	163.65	31894	22735
19	163.70@.80	165.00	163.25	164.75@165.00	164.85	25306	21913
22	166.00@.10	166.35	164.15	164.40@.25	164.35	26554	22083
23	164.50@.35	164.50	162.65	162.90@163.05	163.00	34892	21921
24	163.25@.35	163.90	161.20	161.45@.20	161.35	34670	22266
25	161.85@.90	162.10	160.30	161.50@.65	161.55	37099	21724
26	161.00@160.85	162.95	160.85	162.75@.50	162.60	25322	20737
29	161.40@.30	163.30	181.10	163.30@.10	163.20	30207	21570
30	163.05@.15	163.95	162.40	163.10@.20	163.15	27319	20840
31	163.05@162.95	165.10	162.80	165.00@164.90	164.95	35980	21029
IN SEPTEMBER							
1	165.40@.20	165.45	164.20	164.65@.80	164.75	25694	20129
2	164.60@.50	165.45	164.50	165.30@.45	165.35	11234	19205
5	Exchange Closed, Labor Day						
6	166.55@.70	168.45	166.45	168.45@.30	168.35	27440	18321
7	168.40	168.95	167.60	168.75@.60	168.65	35165	16958
8	168.30@.20	168.90	167.80	168.20@.10	168.15	14624	16548
9	168.30@.35	168.40	167.00	167.10@.00	167.05	16224	15113
12	169.10@168.90	169.40	165.10	165.20@.10	165.15	12583	11821
13	165.25@.40	165.40	164.40	165.05@.20	165.15	7603	10771
14	164.90@.80	165.75	164.65	165.45@.60	165.50	4735	8912
15	165.70@.60	165.80	164.40	164.55@.40	164.38	3410	7554
16	7554 Contracts Delivered					177	....
19	....	....	....	....	....	62	....
20	....	....	....	....	....	1	....

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	....	145.00B	140.80A	140.80A	140.80	2	11
4	....	144.40B	140.60A	144.40B	144.40	....	11
5	....	145.70B	143.50A	145.00B	145.00	....	11
6	....	*150.00B*	....	149.20B	149.20	....	11
7	150.50	#150.60	148.80A	149.00A	149.00	3	13
10	151.10	#151.50B	148.50A	151.10A	151.10	5	13
11	150.90	151.25B	149.00A	150.10A	150.10	5	13
12	150.80	#152.20B	149.55A	150.15A	150.15	11	17
13	150.80	150.80	149.80	150.30B	150.30	2	17
14	150.40	151.90B	150.30	150.50A	150.50	12	18
17	151.60	#152.60	150.60A	150.80A	150.80	42	48
18	150.40	151.30B	149.25A	150.50B	150.50	80	104
19	149.70	149.70	148.50	148.50	148.50	32	133
20	....	150.00B	....	150.00B	150.00	5	133
21	148.50	148.50	146.30A	146.30A	146.30	27	154
24	143.70	143.80B	142.40A	143.80B	143.80	1	153
25	....	144.90B	....	144.50B	144.50	....	153
26	144.60	144.60	143.50A	144.30B	144.30	4	154
27	146.10	148.80	145.50A	148.80	148.80	6	154
28	149.00	149.40	147.30A	147.50A	147.50	33	169
31	147.50	149.50B	146.90	149.20A	149.20	10	171
				IN FEBRUARY			
1	149.20	149.25B	145.15	145.15@.20B	145.20	3	170
2	144.80	147.20B	144.75A	146.20B	146.20	1	171
3	146.75	148.00B	146.10	147.00B	147.00	7	174
4	148.90	150.60B	146.90A	150.60B	150.60	4	174
7	151.60	151.90	150.70	151.50A	151.50	15	173
8	151.70	151.70	148.60A	148.60A	148.60	10	168
9	149.35	149.50B	148.20A	148.70A	148.70	3	167
10	150.30	#152.80B	150.20	152.80B	152.80	3	169
11	153.00	#153.35B	151.40A	151.40A	151.40	8	174
14	152.20	#154.40B	151.60A	154.00	154.00	122	157
15	154.00	154.30B	152.00	152.35B	152.35	14	136
16	153.50	153.80B	151.20A	151.20A	151.20	10	130
17	150.95	152.00B	150.40A	152.00B	152.00	2	131
18	151.80	153.10B	151.80	152.30A	152.30	13	88
21	Exchange Closed, President's Day						
22	151.50	152.50B	149.50A	149.95A	149.95	11	83
23	149.95	152.20B	149.95	151.90B	151.90	12	92
24	153.20	#156.10	153.20	155.10A	155.10	19	98
25	156.40	#156.50	154.20A	154.30A	154.30	30	106
28	152.40	153.90B	152.00A	152.40	152.40	1	105
				IN MARCH			
1	153.50	156.40B	153.50	156.00B	156.00	38	96
2	156.10	#156.60	155.60	156.30B	156.30	8	100
3	156.75	#158.00B	156.75	157.00A	157.00	9	104
4	156.60	157.70B	155.60A	157.40B	157.40	3	106
7	156.40	157.30B	155.50	157.20B	157.20	4	108
8	155.25	155.50B	154.50	154.50	154.50	3	107
9	155.20	156.00B	155.20	156.00B	156.00	3	107
10	155.65	156.50B	153.75A	153.75A	153.75	4	107
11	154.00	154.00	152.75	153.90B	153.90	5	104
14	154.00	154.90	152.60	154.30	154.30	17	113
15	153.75@.60	155.00	153.60	154.50A	154.50	10	110
16	154.00	154.65	151.50A	151.50A	151.50	24	115
17	151.40	152.00B	151.10A	151.50B	151.50	1	112
18	151.75	152.50B	151.50A	152.50B	152.50	4	115
21	152.20	154.40B	151.90A	154.40B	154.40	6	115
22	153.90@.95	154.00B	152.55	153.15B	153.15	5	117
23	153.30	157.00B	153.30	156.90	156.90	19	126
24	156.60	157.40B	155.90A	157.15B	157.15	5	127
25	156.60	157.20B	155.00A	155.35B	155.35	21	132
28	155.80@.85	155.90B	154.35	155.35B	155.35	20	132
29	156.20	156.40B	154.15	154.30@.55B	154.55	10	134
30	155.50	156.80B	155.30A	156.75B	156.75	2	134
31	157.70	157.90B	154.00A	154.05A	154.05	10	132

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	154.00	155.40B	154.00	155.30B	155.30	9	128
5	155.50	156.00B	153.50	153.80B	153.80	21	120
6	153.80	153.80	151.90A	153.40B	153.40	16	117
7	153.85	154.10	152.30	153.85A	153.85	17	115
8	153.70	154.40B	152.80	153.95A	153.95	10	117
11	155.10	157.20B	155.10	157.20B	157.20	16	126
12	156.70	157.70B	156.40	157.70B	157.70	11	135
13	157.20	#159.20B	157.20	158.50A	158.50	15	144
14	158.40	#160.65	157.90A	160.60@.65	160.60	38	151
15	159.45	#161.00B	159.45	160.40B	160.40	35	160
18	160.40	#161.40B	159.80A	161.30B	161.30	4	157
19	160.30	160.40B	159.35	160.00B	160.00	15	167
20	160.15	#162.50	160.00A	162.45	162.45	24	169
21	162.10	#162.70B	161.30A	161.85A	161.85	5	163
22	161.60	162.40B	161.60	161.90B	161.90	24	179
25	162.50	162.50	159.90	160.15B	160.15	4	180
26	160.00	#164.35	159.80A	164.20B@.35	164.25	26	181
27	164.60	#164.80B	162.20A	163.90B	163.90	62	188
28	163.90	#165.50B	163.50A	165.30B	165.30	8	191
29	165.50@.56	#166.70B	164.80A	166.40B	166.40	17	194

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
2	165.60	166.50B	164.40	165.30	165.30	9	195
3	164.65	165.70	163.90	165.50B	165.50	51	218
4	165.50@.56	#167.30B	165.30A	166.50A	166.50	20	226
5	166.45	167.30B	166.20A	167.10A	167.10	16	220
6	168.00	#170.70B	167.80	169.75A	169.75	47	219
9	168.80	170.30	168.40	169.55	169.55	38	229
10	169.80	170.20B	169.40A	169.60A	169.60	11	226
11	169.15	169.60	167.50	168.40B	168.40	18	230
12	167.20	167.70B	166.95A	167.60B	167.60	11	231
13	168.50	169.05	168.00A	168.30A	168.30	6	234
16	166.30	166.70	165.50	166.60@.70	166.65	53	253
17	166.45	167.00	165.70A	167.00	167.00	35	252
18	167.60	168.00	165.55A	165.55A	165.55	19	251
19	166.05	166.10B	164.40	164.65A	164.65	19	256
20	164.50	164.60B	163.60A	164.35	164.35	39	257
23	162.70	166.35	162.50	166.35	166.35	41	263
24	166.10@.00	168.80	166.00	168.80	168.80	55	263
25	169.00	169.60B	167.90A	169.55B	169.55	30	271
26	169.20	170.00	168.20	168.65B	168.65	75	266
27	169.00	169.00	167.75A	167.95B	167.95	32	273
30	Exchange Closed, Memorial Day						
31	166.50	167.40B	163.80A	164.30A	164.30	49	289

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	164.00	165.60	163.40	165.00A	164.95	137	270
2	165.90	166.60	164.60	166.60	166.55	595	740
3	166.55	167.50B	166.50	166.80B@.90	166.85	406	1018
6	166.80	167.95	165.80A	167.95	167.95	67	1017
7	167.40	167.70	163.70A	163.70A	163.70	235	1090
8	164.10	164.20	162.35	162.40@.35	162.40	221	1121
9	163.30	164.60	161.90	163.70B	163.70	161	1143
10	163.50	164.70	163.50	164.30B	164.30	77	1157
13	166.20	167.60	164.75	167.40B@.50	167.50	198	1192
14	167.20	168.40	166.70	167.25	167.25	197	1230
15	167.25	170.60	166.85	170.40B@.60	170.45	230	1308
16	170.25	#172.90	170.25	172.35B@.50	172.40	537	1457
17	172.30	172.80	171.25	172.50B@.80	172.65	321	1489
20	172.45@.50	#173.50	171.00	171.80@.90	171.85	371	1561
21	171.65@.60	#174.25	170.90	174.00@173.95	173.85	663	1682
22	174.15	#175.05	173.10	173.10@.15	173.00	706	1750
23	173.15	173.85	172.30	173.15	173.15	359	1791
24	172.75@.70	173.35	172.15A	172.30@.20	172.25	273	1851
27	172.15@171.95	172.20B	170.30	170.65	170.65	1457	2476
28	171.30@.40	171.55	168.35	168.70@.60	168.65	1357	2827
29	168.50	170.65	168.25	170.05@.20	170.10	798	2793
30	170.90	171.50	170.35	171.30@.40	171.35	247	2725

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	171.40	171.85	170.85	171.55	171.45	314	2714
4	Exchange Closed, Independence Day						
5	168.75	169.10B	167.75	168.65B@.75	168.70	432	2728
6	168.90@169.00	171.10B	168.65	171.00A@.10B	171.00	317	2739
7	170.20	172.55	168.95	169.05B@.10	169.15	659	2741
8	169.55@.60	170.00	168.60	169.60@.70	169.50	385	2954
11	170.10	171.00	169.65	170.05A@.00	170.00	390	2870
12	169.55	169.90	167.30	167.30@.35	167.35	478	2957
13	167.70	168.45	167.05	168.10@.20	168.10	1122	3211
14	168.85@.90	169.65B	167.85	168.30@.25	168.30	305	3215
15	167.90@.85	167.95	165.85	166.25B@.35B	166.30	799	3254
18	166.50	167.40	165.95	166.65@.60	166.60	346	3187
19	167.05@.00	167.95	167.00	167.55@.50	167.50	315	3240
20	168.85	171.75	168.80	171.75@.55A	171.65	581	3322
21	171.45@.40	172.70	170.60	172.20@.35	172.25	731	3338
22	171.75@.70	172.15	171.05	171.40@.15	171.30	375	3284
25	170.65	173.35	170.50	172.35@.40B	172.35	401	3234
26	172.25	173.70	171.65	172.70@.60	172.65	598	3331
27	173.10	173.50	169.20	169.65@.75	169.70	631	3399
28	169.60@.70	170.10	166.90	167.10@166.90	166.95	1185	3583
29	166.40@.45	166.65	163.85A	164.95A@.85	165.00	2530	4085
IN AUGUST							
1	164.90	165.35	163.55	164.45@.30	164.40	1371	4257
2	165.00@.10	165.80	163.95	164.25@.30	164.30	739	4315
3	164.35@.25	166.20B	163.65	165.95@.60	165.70	1016	4417
4	165.00	165.60	161.20	162.80@.90	162.85	1889	4811
5	162.95@163.05	164.35	162.40	164.25@.00	164.10	878	4929
8	163.25@.20	163.25	161.75	161.80@.85	161.90	2006	5466
9	162.50@.45	163.15	160.65	162.85A@.70	162.75	1271	5614
10	162.50	164.65	161.80	163.90@164.00	163.90	945	5600
11	164.70@.65	164.70	163.45	163.95@.85	163.90	789	5767
12	164.20	164.85	164.00	164.65@.75	164.70	491	5769
15	165.70@.60	167.00	165.55	165.85@.80	165.80	1490	5873
16	166.00	166.25	164.60	165.40@.45	165.45	1186	5994
17	165.75	167.50	165.55A	166.95@167.05	166.95	1339	6002
18	167.40	167.50	164.80	164.85@165.00	164.95	1695	6141
19	164.90@.95	166.15	164.60	165.95@166.15	166.05	2183	6338
22	167.35@.40	167.45	165.45	165.80@.60	165.65	3180	6451
23	165.80@.70	165.80	163.95	164.25@.35	164.30	2276	6960
24	164.65@.55	165.05	162.60	162.80@.60	162.70	2717	7317
25	163.20@.30	163.35	161.70	162.75@.85	162.80	3922	7590
26	162.35@.30	164.30	162.25	163.90@.85A	163.85	2497	7795
29	162.85@.60	164.35	162.50	164.25	164.25	3592	8295
30	164.30@.40	164.95	163.55	165.30@.15	164.25	3136	8356
31	164.10@.05	166.05	163.85	166.05@165.95	165.95	4168	8471
IN SEPTEMBER							
1	166.45@.50	166.50	165.50	165.95@166.10	166.00	3636	9007
2	165.95@.85	166.80	165.80	166.80	166.70	1616	8968
5	Exchange Closed, Labor Day						
6	168.00@167.90	169.60	165.65	169.50@.60	169.60	6916	9875
7	169.60@.80	170.30	168.95	170.20@.10	170.10	9174	11608
8	169.90@.80	170.55	169.30	169.95@.80	169.85	5266	12262
9	170.00@169.90	170.05	168.55	168.70@.55	168.55	6670	12544
12	171.20@.00	171.20	166.35	166.50@.70	166.60	41890	15473
13	166.50@.75	167.10	165.75	166.90@167.00	166.95	37326	16905
14	166.35@.25	167.75	166.25	167.45@.60	167.50	32214	17060
15	167.65@.80	167.80	166.45	166.45@.65	166.55	30079	17908
16	166.65@.75	169.20	166.65	168.90@169.00	168.95	24905	18783
19	169.55@.40	170.70	169.00	170.20@.15	170.15	38081	20114
20	170.75@.65	171.65	170.60	171.35@.20	171.25	39431	20347
21	171.20@.30	171.65	169.95	170.65@.80	170.75	35078	22077
22	170.35@.25	172.25	170.15	171.90@.50	171.70	38456	21969
23	172.00@171.90	172.10	170.95	171.50@.30	171.40	25898	21635
26	171.85@.75	172.60	170.85	171.60@.40	171.50	36293	22620
27	171.20@.35	171.35	169.50	170.45@.35	170.40	35664	22449
28	170.20@.30	170.40	169.50	169.90@170.05	170.00	31905	22281
29	169.70@.80	170.15	169.15	169.45@.30	169.40	30819	22680
30	169.60@.55	169.60	168.10	168.15@.35	168.25	21930	23019

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	167.75@.65	168.50	167.30	168.40@.50	168.45	26987	23808
4	168.45@.55	169.30	168.25	168.55@.45	168.50	28529	24152
5	168.90@169.00	170.15	168.15	170.10@.15	170.10	31717	24432
6	170.10@.15	172.05	170.00	171.90@172.00	171.95	33652	24991
7	171.90@172.00	172.75	171.70	172.15@.10	172.10	25908	24974
10	171.50@.35	174.25	171.20	174.00@.10	174.05	29425	25865
11	173.20@.30	173.60	171.50	171.65@.55	171.60	40380	24798
12	171.60@.55	172.40	170.45	171.00@.05	171.05	34259	24792
13	171.15@.25	172.00	170.30	171.90@172.00	171.95	31030	25053
14	172.20@.05	172.20	170.85	171.70@.55	171.65	29755	25939
17	171.90@.70	173.65	171.30	172.55@.45	172.50	38301	26339
18	172.30@.20	172.60	169.25	169.90@170.00	169.95	42149	27395
19	169.40@.50	169.65	167.10	168.55@.40	168.50	47533	26568
20	167.95@168.15	169.35	167.95	168.80@169.00	168.90	32920	27334
21	168.90@169.00	169.25	166.40	167.80@.55	167.70	32408	26691
24	166.20@.30	168.35	166.10	168.25@.35	168.30	40723	26642
25	168.35@.20	169.15	167.90	168.05@.15	168.10	34525	26993
26	168.10@.20	168.40	166.75	166.90@.80	166.85	40818	27302
27	166.80@.70	167.25	166.40	167.10@.25	167.15	33649	28337
28	167.45@.50	167.60	164.90	165.45@.20	165.35	34498	26685
31	165.60@.50	166.15	164.15	165.50@.40	165.45	43598	25813
				IN NOVEMBER			
1	165.60@.70	166.00	164.25	165.70@.55	165.60	40734	27053
2	165.70@.60	167.20	165.40	166.65@.75	166.70	37609	26634
3	166.55@.40	166.60	165.00	165.00@.10	165.05	36797	25329
4	164.60@.70	164.95	163.75	164.25@.15	164.20	31866	24980
7	164.00@.10	164.90	163.35	163.45@.40	163.45	31461	25550
8	163.60@.50	164.30	163.40	163.70@.80	163.75	26425	25499
9	163.90@164.05	166.00	163.90	165.90@166.00	165.95	36051	27466
10	166.10@.20	166.75	165.85	166.25@.15	166.20	32935	26604
11	166.30@.40	167.95	165.95	167.90@.80	167.85	23835	26071
14	167.50@.40	168.80	167.35	167.75@.85	167.80	34561	25024
15	167.25@.35	168.20	166.45	166.60@.70	166.65	42176	24069
16	167.00@.05	167.40	166.00	166.85@.75	166.80	38737	24359
17	166.60@.50	167.45	166.10	167.05@.20	167.10	33313	23869
18	167.05@166.95	167.10	165.65	166.60@.80	166.70	26278	22870
21	166.95@167.05	168.20	166.90	167.80@.90	167.85	33625	23712
22	168.05@.20	168.60	167.55	167.90@.80	167.85	33052	23798
23	167.85@.95	168.25	167.05	168.10@.25	168.15	22934	21951
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	168.05@167.90	168.05	166.45	166.80@167.00	166.90	26148	21731
29	167.00@166.90	169.05	166.55	168.70@.85	168.75	39271	20562
30	169.25@.10	169.30	166.30	166.35@.40	166.40	41381	19005
				IN DECEMBER			
1	166.25@.40	167.55	166.25	167.35@.55	167.45	37558	18185
2	166.90@167.00	167.25	165.45	165.85@166.05	165.95	27950	18054
5	165.85@.75	166.90	164.95	166.85@.75	166.80	33224	17840
6	166.50@.60	166.95	165.85	166.00@.10	166.05	35845	17034
7	165.95@.90	167.20	165.85	166.70@.80	166.75	34038	15937
8	166.40@.45	166.65	165.10	165.50@.40	165.45	31150	14292
9	165.70@.60	165.85	164.75	165.35@.20	165.30	25650	12678
12	165.70@.75	166.25	165.40	166.10@.20	166.15	6382	11670
13	165.80@.70	166.05	164.85	165.10@164.85	165.00	7462	9511
14	165.10@.20	165.40	163.40	163.55@.45	163.50	7122	6745
15	163.75@.60	163.75	161.75	161.85@.75	161.67	4601	5289
16	....	....	....	....	....	125	....
19	5289 Contracts Delivered					12	....

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
18	152.75	#153.50B	*152.50A	153.50B	153.50	1	1
21	....	#155.40B	153.00A	155.40B	155.40	....	1
22	....	....	153.60A	154.15A	154.15	....	1
23	155.30	#158.00B	155.30	158.00B	158.00	2	1
24	....	#158.40B	157.00A	158.25B	158.25	....	1
25	156.00	158.20B	156.00	156.45B	156.45	1	2
28	156.20	157.00B	155.50A	156.50B	156.50	1	2
29	....	157.40B	155.50A	155.70A	155.70	....	2
30	156.65	157.90B	156.50A	157.90B	157.90	1	3
31	....	#159.10B	155.20A	155.20A	155.20	....	3
IN APRIL							
1	Exchange Closed, Good Friday						
4	....	156.50B	155.00A	156.50B	156.50	....	3
5	....	157.10B	154.75A	155.00B	155.00	....	3
6	....	....	153.10A	154.60A	154.60	....	3
7	153.75	155.20B	153.50A	155.00B	155.00	2	3
8	....	155.40B	154.00A	155.10B	155.10	....	3
11	156.65	158.35B	156.65	158.35B	158.35	....	3
12	158.00	158.80B	157.60A	158.80B	158.80	3	5
13	158.80	#160.30B	158.50A	159.60B	159.60	2	6
14	160.70	#161.70B	159.00A	161.70B	161.70	1	5
15	162.10	#162.10	160.80A	161.50A	161.50	3	7
18	160.80	#162.40B	160.80	162.40B	162.40	6	6
19	....	....	160.50A	161.10A	161.10	....	6
20	161.00	#163.50B	161.00	163.50B	163.50	6	8
21	....	#163.80B	162.50A	163.00A	163.00	1	8
22	....	163.40B	162.80A	163.10B	163.10	....	8
25	163.50	163.50	161.10A	161.35A	161.35	3	10
26	164.90	#165.35B	161.00A	165.35B	165.35	2	9
27	165.40	#165.80B	163.30A	165.00A	165.00	2	11
28	166.00	#166.50B	164.60A	166.50B	166.50	1	12
29	167.00	#167.80B	166.00A	167.60B	167.60	2	13
IN MAY							
2	167.80	#167.80	165.50A	166.40B	166.40	6	15
3	165.80	166.70B	165.00A	166.60B	166.60	1	15
4	167.00	#168.40B	166.50A	167.60B	167.60	6	14
5	....	168.30B	167.30A	168.10B	168.10	....	12
6	171.50	#171.70B	170.50A	170.85A	170.85	2	14
9	169.80	171.40B	169.50	170.65A	170.65	4	16
10	170.40	171.30B	170.40	170.80A	170.80	8	18
11	169.40	169.60B	168.40A	169.60B	169.60	3	18
12	....	....	168.15A	168.80A	168.80	....	18
13	....	170.10B	....	169.50B	169.50	....	18
16	167.20	167.80B	166.80A	167.80B	167.80	2	17
17	167.40	168.20B	166.90A	168.20B	168.20	8	22
18	169.00	169.15B	166.75A	166.75A	166.75	1	23
19	....	167.20B	165.60A	165.85A	165.85	....	23
20	....	....	164.80A	165.45A	165.45	....	23
23	164.20	167.55B	163.50A	167.55B	167.55	1	23
24	167.60	170.00B	167.30A	170.00B	170.00	3	24
25	170.45	171.00B	169.10A	170.75B	170.75	5	23
26	170.40	171.20B	169.80A	170.05A	170.05	7	29
27	....	170.20B	169.10A	169.15A	169.15	1	29
30	Exchange Closed, Memorial Day						
31	....	....	165.00A	165.50A	165.50	....	29

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	166.70B	164.70A	166.20A	166.20	....	31
2	....	167.80B	165.70A	167.80B	167.80	....	30
3	....	168.50B	167.55A	168.00B	168.00	....	30
6	168.25	169.20B	167.00A	169.20B	169.20	3	30
7	168.70	168.90	164.70A	164.70	164.70	4	32
8	164.50	165.20B	163.30A	163.30A	163.30	5	34
9	164.00	165.50B	163.20A	164.70B	164.70	3	34
10	....	165.50B	164.60A	165.30B	165.30	....	33
13	166.80	168.50B	166.00	168.50B	168.50	2	33
14	168.05	169.30B	168.00A	168.30B	168.30	5	34
15	169.00	171.55B	168.20A	171.55B	171.55	2	35
16	172.20	#174.00	171.50A	173.40	173.40	17	40
17	173.20	173.90	172.55A	173.80B@.90	173.85	6	40
20	173.80@.75	#174.50B	172.40A	173.00	173.00	11	45
21	172.60	#175.40	172.20A	175.20A	175.20	11	45
22	175.00	#176.10B	174.30A	174.30A	174.30	7	46
23	174.30	175.00B	173.60A	174.50	174.50	5	41
24	173.80	173.80	173.30A	173.35A	173.35	1	40
27	173.10	173.30B	171.60A	171.90@.75A	171.80	13	42
28	172.30	172.60B	169.50A	169.85B	169.85	6	43
29	169.40@.50	171.80B	169.40	171.30B@.60	171.45	17	47
30	172.00	172.70	171.60A	172.70	172.70	2	44
IN JULY							
1	172.30	172.90B	172.20A	172.70B	172.70	2	45
4	Exchange Closed, Independence Day						
5	169.30	170.00B	169.10	169.80B	169.80	3	45
6	170.40	172.10B	170.00A	172.10B	172.10	3	45
7	171.50	173.60B	170.30A	170.30A	170.30	2	45
8	170.45	171.10B	170.00A	170.70B	170.70	6	42
11	171.80	172.10B	171.00	171.10B	171.10	8	40
12	....	....	168.45A	168.45A	168.45	....	39
13	168.60	169.50B	168.25A	169.30A	169.30	7	41
14	169.50	170.70B	169.50A	169.40A	169.40	1	41
15	168.00	168.15B	167.30A	167.50A	167.50	1	41
18	167.60	168.50B	167.30A	167.70A	167.70	5	42
19	168.40	169.00B	168.40	168.60A	168.60	12	46
20	171.20	172.80B	170.90A	172.80B	172.80	2	44
21	172.90	173.70B	172.00A	173.40B	173.40	10	47
22	172.50	173.30B	172.40A	172.50	172.50	2	43
25	....	174.50B	171.80A	173.50B	173.50	1	43
26	173.40	174.90B	173.00A	173.85A	173.85	3	44
27	174.35	174.50B	170.60A	171.00	171.00	11	50
28	170.50	171.10B	168.30	168.30A	168.30	16	65
29	167.55	167.80B	165.50A	166.30A	166.30	22	77
IN AUGUST							
1	166.80	166.80	165.00A	165.70A	165.70	6	79
2	166.70	167.10B	165.50A	165.60A	165.60	17	89
3	165.85	167.60B	165.20A	167.10B	167.10	3	85
4	164.60	164.80B	162.80A	164.20A	164.20	6	87
5	164.30	165.60B	164.00A	165.45B	165.45	2	86
8	164.50	164.50	163.20A	163.20A	163.20	20	84
9	164.00	164.50	162.00A	164.05A	164.05	13	88
10	164.00	166.00B	163.40A	165.20B	165.20	15	99
11	165.70	165.90B	164.80A	165.20A	165.20	7	100
12	165.50	166.00B	165.40A	166.00B	166.00	5	101
15	167.00	168.30	167.00	167.10A	167.10	10	106
16	167.50	167.50	166.00A	166.75B	166.75	7	107
17	167.20	168.80B	167.00	168.25A	168.25	6	107
18	168.65	168.70	166.10	166.10	166.10	23	110
19	166.10	167.05B	166.00A	167.05B	167.05	46	106
22	168.30	168.40B	166.70A	166.70A	166.70	13	103
23	165.50	166.80B	165.05	165.70	165.70	4	99
24	166.00	166.00	163.80	163.80@.90	163.85	10	98
25	164.70	164.70	163.10	164.00B@.30	164.15	18	96
26	163.70	165.30B	163.70	165.00A	165.00	20	97
29	163.55	165.50	163.55	165.35A	165.35	31	93
30	165.45	165.90B	164.60A	165.25B	165.25	74	141
31	165.10	167.15	165.00A	167.15@166.95A	166.95	51	154

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	167.55	167.55	166.80A	167.15A	167.15	119	255
2	167.10	168.00	167.10	167.95A	167.95	11	245
5	Exchange Closed, Labor Day						
6	169.50	170.90	168.90A	170.90@.70A	170.80	47	271
7	171.00	171.70	170.30A	171.30	171.30	46	263
8	170.85	171.90	170.85	171.00@.20	171.10	69	268
9	171.00	171.40	169.70	169.70	169.70	39	283
12	172.50	172.60	167.70	167.70@.80	167.75	126	301
13	167.70	168.50	167.10	168.15	168.15	67	306
14	167.40	169.10	167.40	168.50B@.90	168.70	187	417
15	168.80	169.00	167.75	167.85B	167.85	210	448
16	168.10	170.45B	168.05	170.30B	170.35	130	503
19	170.80@.75	172.05	170.40A	171.60@.50A	171.55	208	553
20	172.05@.10	173.10	172.05	172.80@.70A	172.70	285	576
21	172.60@.70	173.10B	171.50	172.10@.20	172.20	417	737
22	171.75@.70	173.65	171.70	173.20@.00A	173.10	413	724
23	173.45	173.55	172.35	172.80@.95	172.90	250	748
26	173.35	174.05	172.35A	173.10@172.80	172.95	314	765
27	172.60@.70	172.70	171.05	171.80	171.80	309	824
28	171.70	171.80	171.10A	171.45B@.55	171.50	304	924
29	171.20@.25	171.65	170.75	171.00@170.80A	170.90	206	931
30	171.00@.10	171.10	169.65	169.75	169.75	270	1007

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	169.25	170.05	168.90	170.00@169.95	169.95	316	1093
4	170.10	170.85B	169.85	170.10@.00A	170.05	318	1018
5	170.50	171.70	169.75A	171.70@.65A	171.65	243	920
6	171.70@.60	173.60	171.50	173.50@.55B	173.50	262	996
7	173.45@.55	174.25	173.25	173.70@.80	173.70	425	1073
10	172.90	175.85	172.80	175.70	175.70	365	1152
11	174.85@.75	175.20	173.05	173.15@.20	173.20	446	1122
12	173.10@.20	173.95B	172.10	172.75@.55A	172.65	514	1208
13	172.85	173.70	172.05A	173.70@.55A	173.60	293	1290
14	173.95	173.95	172.55A	173.50@.45	173.30	224	1274
17	173.55	175.40	173.05	174.00@.05	174.00	371	1310
18	174.00	174.20	171.00	171.50@.60B	171.55	380	1361
19	171.00	171.40	168.80A	170.20@.05	170.20	767	1557
20	169.80	171.10	169.70	170.60@.90B	170.75	1127	1913
21	170.90	171.20	168.40	169.70@.55A	169.60	1116	2158
24	168.05	170.30	168.05	170.20@.30B	170.25	1268	2514
25	170.30@.35	171.10B	169.90	170.05@.10	170.05	551	2649
26	170.10	170.30	168.75	168.80@.75	168.80	388	2654
27	168.70	169.20	168.50	169.05@.15B	169.10	465	2863
28	169.40@.35	169.60	166.90	167.20@.05	167.30	775	2844
31	167.65@.60	168.05	166.20	167.60@.45A	167.50	1684	3398

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	167.70@.75	168.10	166.45	167.75@.65	167.70	974	3451
2	167.85@.90	169.30B	167.50	168.75@.80	168.75	798	3519
3	168.75@.70	168.75	167.05	167.10@.05	167.10	845	3699
4	166.65	167.05	165.80A	166.20	166.25	764	3795
7	166.10@.20	167.00B	165.45	165.50@.45	165.50	593	3791
8	165.60@.65	166.30B	165.45	165.75@.85	165.80	659	3884
9	166.00	168.10	166.00	168.00@.05	168.00	672	3975
10	168.25@.20	168.80	167.90	168.35@.30	168.30	802	4141
11	168.45@.40	170.10	168.05	170.10@169.95	170.00	750	4139
14	169.55	170.90	169.50	169.90@.85	169.90	1088	4292
15	169.40@.45	170.30	168.60	168.85	168.85	1315	4399
16	169.20@.25	169.65	168.20	168.70@.75	168.75	1684	4722
17	168.50	169.50	168.35	169.25@.20	169.20	1662	4977
18	169.00@.10	169.15	167.80	168.75@.80B	168.80	1150	5018
21	169.10@.15	170.30	169.05	169.90@170.00	169.95	2069	5374
22	170.15@.20	170.70	169.75	170.10@.00	170.05	2425	5754
23	170.15@.10	170.20	169.25	170.20	170.20	2190	6049
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	170.15@.00	170.15	168.60	168.90@169.05	169.00	2111	6484
29	169.05@168.95	171.30	168.70	171.10@.00	171.05	4402	7554
30	171.60@.65	171.65	168.65	168.80@.65	168.75	5697	8650

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	168.50@.65	169.70	168.50	169.55@.70	169.60	4943	9035
2	169.00@.10	169.45	167.60	168.00@.15	168.10	3977	9653
5	167.90@.85	169.05	167.20	168.90@.95	168.90	5581	9899
6	168.75@.80	169.15	168.10	168.35@.50	168.40	5144	10709
7	168.40@.25	169.50	168.15	169.15@.00	169.05	6038	11757
8	168.80@.65	168.80	167.10	167.50@.60	167.55	7935	12927
9	167.70@.50	167.90	166.75	167.40@.35	167.40	7426	13949
12	168.05@167.90	168.40	167.55	168.40@.30	168.35	20569	16677
13	167.80@.70	168.20	167.05	167.20@.10	167.15	30587	18390
14	167.25@.40	167.60	165.45	165.65@.75	165.70	39751	20825
15	166.20@.00	166.20	164.50	164.50@.60	164.55	36859	22344
16	164.85@165.00	165.80	164.75	165.70@.80	165.75	25986	22739
19	165.45@.55	166.40	165.30	165.70@.80	165.75	21085	23901
20	166.20@.05	166.35	164.80	165.10@.25	165.20	22533	23728
21	165.65@.75	167.20	165.60	167.20@.05	167.10	29008	24073
22	167.65@.50	167.65	166.10	166.40@.50	166.45	22252	23666
23	166.80@.70	166.80	166.25	166.50@.60	166.55	8117	24106
26	Exchange Closed, Christmas						
27	166.85@.90	167.80	166.85	167.55@.35	167.45	13683	24505
28	167.20@.10	167.50	166.65	167.35@.40	167.40	14734	24616
29	167.90@.75	168.05	167.05	167.20@.10	167.15	16721	24321
30	167.10@.05	167.50	166.80	167.25@.35	167.30	8529	24400
JUNE 1984 FUTURES CONTRACT IN JUNE 1983							
17	174.00	#174.90B	*173.80A	174.90B	174.90	15	15
20	....	#175.50B	*173.70A	174.00A	174.00	....	15
21	174.00	#176.40B	*173.30A	176.40B	176.40	1	16
22	....	#177.10B	175.50A	175.50A	175.50	....	16
23	174.80	176.00B	174.80	175.60B	175.60	2	17
24	....	....	174.45A	174.45A	174.45	....	17
27	173.50	173.50	*172.80A	172.85A	172.85	....	17
28	....	173.60B	*170.70A	170.90A	170.90	....	17
29	....	172.80B	170.70A	172.65B	172.65	....	17
30	....	173.70B	....	173.70B	173.70	....	17
IN JULY							
1	....	173.90B	173.40A	173.90B	173.90	....	17
4	Exchange Closed, Independence Day						
5	....	....	*170.30A	170.80A	170.80	....	17
6	....	173.10B	....	173.10B	173.10	....	17
7	172.70	174.60B	171.50A	171.50A	171.50	3	19
8	171.60	172.10B	171.20A	171.70B	171.70	1	18
11	172.85	173.10B	171.90A	172.10A	172.10	2	18
12	....	....	*169.55A	169.55A	169.55	....	17
13	....	170.50B	*169.25A	170.40B	170.40	....	17
14	....	171.70B	....	170.50B	170.50	....	17
15	168.50	168.90B	*168.30A	168.60B	168.60	2	18
18	....	169.50B	168.30A	168.70B	168.70	....	18
19	....	170.00B	....	169.60B	169.60	....	18
20	....	173.80B	....	173.80B	173.80	....	18
21	....	174.70B	173.00A	174.40B	174.40	....	18
22	....	....	173.40A	173.50A	173.50	....	18
25	....	175.50B	172.80A	174.50B	174.50	....	18
26	....	175.90B	174.00A	175.05B	175.05	....	18
27	....	175.50B	171.80A	172.00A	172.00	....	18
28	....	172.10B	169.60A	169.60A	169.60	....	18
29	....	....	*166.80A	167.60A	167.60	....	18

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1984 FUTURES CONTRACT IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	166.80	167.80B	*166.30A	167.00A	167.00	2	20
2	167.20	168.30B	166.80A	166.90A	166.90	10	30
3	167.40	168.60B	166.60A	168.40B	168.40	1	30
4	166.30	166.30	*164.20A	165.50A	165.50	1	30
5	....	166.75B	....	166.75B	166.75	....	30
8	....	....	164.50A	164.50A	164.50	....	30
9	....	165.50B	*163.40A	165.35B	165.35	....	30
10	165.00	167.00B	164.75A	166.50B	166.50	1	30
11	167.20	167.20	166.20A	166.50A	166.50	1	29
12	166.80	167.20B	166.70A	167.20B	167.20	1	28
15	168.40	169.30B	168.30A	168.30A	168.30	1	27
16	168.20	168.70B	167.30A	167.95A	167.95	1	26
17	168.30	169.80B	168.30	169.45B	169.45	1	27
18	169.85	169.85	167.20A	167.20A	167.20	1	26
19	167.00	168.05B	167.00	168.05B	168.05	3	25
22	169.40	169.40	167.70A	167.70A	167.70	1	26
23	167.50	167.80B	166.40A	166.80B	166.80	3	25
24	166.90	167.00B	165.00A	165.00A	165.00	1	25
25	....	165.70B	164.50A	165.15B	165.15	....	25
26	164.90	166.30B	164.90	166.00B	166.00	1	25
29	166.00	166.50B	164.70A	166.25B	166.25	2	27
30	166.35	166.80B	165.60A	166.15A	166.15	1	26
31	166.10	167.90B	166.10	167.85B	167.85	3	26
			IN SEPTEMBER				
1	....	168.45B	....	168.15B	168.15	....	26
2	168.10	168.95B	168.10	168.95B	168.95	1	27
5	Exchange Closed, Labor Day						
6	....	171.80B	....	171.80B	171.80	....	27
7	....	172.70B	171.60A	172.30B	172.30	....	27
8	....	....	172.00A	172.10A	172.10	....	27
9	....	172.20B	170.80A	170.80A	170.80	....	27
12	174.20	174.20	169.00A	169.20	169.20	3	29
13	....	169.50B	168.10A	169.15A	169.15	....	29
14	....	170.00B	168.50A	169.70B	169.70	....	29
15	....	169.90B	168.80A	168.85A	168.85	....	29
16	169.20	171.50B	169.20	171.35B	171.35	1	30
19	171.80	173.30B	171.80	172.55A	172.55	2	30
20	....	174.00B	....	173.70B	173.70	....	30
21	....	174.00B	172.80A	173.40A	173.40	....	30
22	....	174.65B	173.00A	174.30B	174.30	....	30
23	....	174.60B	173.60A	174.10A	174.10	....	30
26	....	175.00B	173.80A	174.10N	174.10	....	30
27	....	....	172.40A	712.90A	172.90	....	30
28	172.60	172.70B	172.30A	172.60	172.60	2	30
29	....	....	172.00A	172.00A	172.00	....	30
30	....	172.10B	170.95A	170.95A	170.95	....	30
			IN OCTOBER				
3	....	171.05B	170.30A	171.05B	171.05	....	30
4	....	172.00B	....	171.20B	171.20	....	30
5	172.35	172.80B	171.00A	172.80B	172.80	1	30
6	173.40	174.70B	172.90	174.65B	174.65	2	30
7	....	175.40B	....	174.85B	174.85	....	30
10	175.20	#177.10B	173.85A	177.10	177.10	3	33
11	....	....	174.40A	174.40A	174.40	....	32
12	....	175.00B	173.50A	173.85A	173.85	....	32
13	....	174.75B	173.30A	174.75B	174.75	....	32
14	....	175.15B	174.00A	174.50A	174.50	....	32
17	....	176.50B	174.40A	175.20B	175.20	....	32
18	175.20	175.40	172.30A	172.85A	172.85	20	47
19	172.40	172.70	170.20A	171.55A	171.55	....	27
20	....	172.30B	171.15A	172.10B	172.10	4	23
21	....	172.50B	170.00A	171.00A	171.00	....	23
24	169.30	171.70B	169.30	171.70B	171.70	2	24
25	....	173.30B	171.50A	171.50A	171.50	....	24
26	....	171.75B	170.25A	170.25A	170.25	....	24
27	....	170.60B	170.20A	170.55B	170.55	....	24
28	....	170.95B	168.60A	168.65A	168.65	....	24
31	168.50	169.45B	167.90A	169.30B	169.30	1	25

S & P 500 STOCK INDEX FUTURES PRICES

JUNE 1984 FUTURES CONTRACT
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	169.40	169.70	168.50A	169.50A	169.50	2	25
2	170.20	170.75B	170.20	170.40B	170.40	1	26
3	....	....	168.85A	168.85A	168.85	....	26
4	....	....	167.80A	168.00A	168.00	....	26
7	168.10	168.30B	167.25A	167.25A	165.25	26	48
8	....	167.85B	....	167.55B	167.55	....	48
9	168.50	169.80B	168.50	169.80B	169.80	37	40
10	170.15	171.40B	169.80A	170.10B	170.10	29	59
11	170.40	171.90B	170.10A	171.90B	171.90	4	60
14	172.00	172.60B	171.60	171.80	171.80	42	83
15	171.35	172.25	170.50A	170.85A	170.85	31	73
16	171.40	171.40	170.30	170.60	170.60	34	83
17	171.10	171.20B	170.40A	171.05A	171.05	1	84
18	170.30	170.65B	170.00A	170.65B	170.65	5	84
21	171.80	172.10B	171.40	171.95A	171.95	21	89
22	172.45@.50	172.60	171.90	172.15@.00A	172.05	69	141
23	171.40	172.15B	171.20A	172.15B	172.15	9	137
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	172.00	172.05B	170.80	170.90A	170.90	12	147
29	171.05	173.15	170.70A	173.00A	173.00	34	156
30	173.50@.55	173.55	170.80	170.80	170.80	64	165

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	170.80	171.50	170.60A	171.50B	171.50	22	189
2	171.00	171.20	169.60A	170.00B	170.00	26	211
5	169.80	171.10	169.40A	170.85A	170.85	37	220
6	170.90	170.90	170.20	170.35B	170.35	85	232
7	171.40	171.40	170.30A	171.00B	171.00	29	237
8	170.55	170.70	169.15A	169.40	169.40	45	271
9	169.70	169.90	168.80	169.40	169.40	60	288
12	170.10	170.45	169.55A	170.40@.45	170.40	12	294
13	169.50	170.10	169.10	169.10	169.10	90	330
14	169.25	169.50	167.50A	167.80@.70	167.75	108	375
15	167.90	167.90	166.55	166.55	166.55	280	499
16	166.75@.85	167.90	166.75	167.85@.90	167.85	460	655
19	167.75	168.55B	167.40	167.80@.90B	167.85	136	665
20	168.00	168.40	166.95A	167.30@.15	167.25	183	695
21	167.90	169.50	167.80A	169.30@.50	169.30	217	712
22	169.75	169.75	168.45	168.75A	168.75	276	755
23	169.00	169.05	168.65	165.85@.75A	168.80	61	738
26	Exchange Closed, Christmas						
27	169.05	170.00	169.05	169.80@.70	169.75	93	740
28	169.40	169.80	168.95A	169.60B@.80	169.70	93	724
29	170.10	170.30	169.30	169.50@.40	169.45	196	755
30	169.05	169.75	169.05	169.55	169.55	122	761

SEPTEMBER 1984 FUTURES CONTRACT
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
17	175.00	#175.90B	*175.00	175.90B	175.90	30	30
20	....	#176.50B	175.00A	175.00A	175.00	....	30
21	175.00	#177.40B	*174.30A	177.40B	177.40	2	32
22	176.80	#178.10B	176.70A	176.70A	176.70	1	37
23	177.00	177.00	176.00A	176.70B	176.70	2	34
24	....	....	175.55A	175.55A	175.55	....	34
27	175.70	175.70	*173.80	173.95B	173.95	3	35
28	....	174.60B	*171.90A	172.00A	172.00	....	35
29	....	173.80B	171.90A	173.75A	173.75	....	35
30	174.30	174.70B	174.20A	174.70B	174.70	1	36

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1984 FUTURES CONTRACT IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	174.90B	174.60A	174.90B	174.90	....	36
4	Exchange Closed, Independence Day						
5	....	....	*171.50A	171.80A	171.80	....	36
6	....	174.10B	....	174.10B	174.10	....	36
7	173.90	175.60B	172.70A	172.70A	172.70	2	38
8	....	173.10B	172.40A	172.70N	172.70	....	38
11	....	174.10B	....	173.10B	173.10	....	38
12	....	....	*170.65A	170.65A	170.65	....	38
13	....	171.50B	*170.25A	171.50B	171.50	....	38
14	....	172.70B	171.40A	171.60B	171.60	....	38
15	....	....	*169.30A	169.70A	169.70	....	38
18	....	170.50B	169.30A	169.70N	169.70	....	38
19	....	171.00B	....	170.60B	170.60	....	38
20	172.20	174.80B	172.20	174.80B	174.80	1	38
21	....	175.70B	174.00A	175.40B	175.40	....	38
22	....	....	174.40A	174.50A	174.50	....	38
25	....	176.50B	173.80A	175.50B	175.50	....	38
26	....	176.90B	175.00A	176.25B	176.25	....	38
27	....	176.50B	173.00A	173.00A	173.00	....	38
28	....	173.10B	170.80A	170.80A	170.80	....	38
29	....	....	*168.00A	168.90A	168.90	....	38
IN AUGUST							
1	168.20	168.50B	*167.60A	168.30B	168.30	1	38
2	169.60	169.60	168.20A	168.20A	168.20	10	48
3	....	169.80B	168.00A	169.80B	169.80	....	48
4	169.30	169.30	*165.60A	166.80A	166.80	12	58
5	167.20	168.05B	167.00A	168.05B	168.05	2	58
8	....	....	165.80A	165.80A	165.80	....	58
9	....	166.65B	*164.80A	166.65B	166.65	....	58
10	166.00	168.00B	166.00	167.80B	167.80	2	58
11	168.50	168.50	167.40A	167.80A	167.80	2	56
12	168.10	168.40B	168.00A	168.40B	168.40	2	54
15	169.60	170.30B	169.50A	169.50A	169.50	2	52
16	169.40	169.90B	168.60A	169.15A	169.15	2	50
17	169.50	170.80	169.50	170.65A	170.65	3	51
18	171.05	171.05	168.30A	168.30A	168.30	2	49
19	168.30	169.05B	168.30	169.05B	169.05	3	47
22	170.40	170.40	168.70A	168.70A	168.70	2	44
23	168.50	168.80B	167.70A	167.90A	167.90	2	42
24	168.00	168.00	166.00A	166.00A	166.00	2	40
25	....	166.70B	165.90A	166.15B	166.15	....	40
26	165.90	167.30B	165.90	167.00	167.00	2	38
29	....	167.50B	165.70A	167.15B	167.15	....	38
30	167.25	167.70B	166.60A	167.05A	167.05	2	38
31	167.00	168.80B	167.00	168.75B	168.75	6	38
IN SEPTEMBER							
1	....	169.35B	....	169.15B	169.15	....	38
2	169.10	169.95B	169.10	169.95B	169.95	2	38
5	Exchange Closed, Labor Day						
6	....	172.80B	....	172.80B	172.80	....	38
7	....	173.70B	....	173.30B	173.30	....	34
8	....	....	173.00A	173.10A	173.10	....	34
9	....	173.20B	171.80A	171.80A	171.80	....	34
12	....	174.50B	170.00A	170.30A	170.30	....	34
13	....	170.50B	169.10A	170.15A	170.15	....	34
14	....	171.00B	169.50A	170.70B	170.70	....	34
15	....	170.90B	169.80A	169.85A	169.85	....	34
16	170.20	172.50B	170.20	172.35B	172.35	1	34
19	172.85	174.50B	172.85	173.55B	173.55	1	34
20	....	175.00B	....	174.70B	174.70	....	34
21	....	175.00B	174.00A	174.40A	174.40	....	34
22	175.90	175.90	174.00A	175.30B	175.30	12	34
23	....	175.60B	174.90A	175.15A	175.15	....	34
26	175.35	176.00B	175.00A	175.15A	175.15	3	36
27	174.00	174.00	173.70A	174.00	174.00	....	36
28	....	....	173.40A	173.70A	173.70	2	38
29	....	....	173.10A	173.10A	173.10	....	38
30	....	173.20B	171.95A	171.95A	171.95	....	38

S & P 500 STOCK INDEX FUTURES PRICES

SEPTEMBER 1984 FUTURES CONTRACT IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	....	172.15B	171.50A	172.15B	172.15	....	38
4	....	173.10B	....	172.30B	172.30	....	38
5	....	173.90B	....	173.90B	173.90	....	38
6	....	175.70B	....	175.70B	175.70	....	38
7	....	176.40B	....	175.90B	175.90	....	38
10	175.25	#178.15B	174.90B	178.15B	178.15	....	38
11	....	....	175.45A	175.45A	175.45	2	38
12	....	176.00B	174.70A	174.90A	174.90	....	38
13	175.90	175.90	174.60A	175.80A	175.80	1	39
14	....	176.20B	175.30A	175.55A	175.55	....	39
17	....	177.50B	....	176.25B	176.25	....	39
18	176.65	176.75	173.60A	174.15A	174.15	21	60
19	172.30	172.90B	171.60A	172.90B	172.90	4	70
20	....	173.50B	172.50A	173.45B	173.45	....	66
21	....	173.85B	171.50A	172.35A	172.35	....	66
24	....	173.00B	171.15A	173.00B	173.00	....	66
25	174.30	174.30	172.90A	172.90A	172.90	1	66
26	....	173.15B	171.60A	171.60A	171.60	....	66
27	....	171.90B	171.55A	171.90B	171.90	....	56
28	....	172.20B	169.80A	170.00A	170.00	....	56
31	....	170.80B	169.60A	170.65B	170.65	....	56
IN NOVEMBER							
1	170.60	171.00B	170.60	171.00B	171.00	2	58
2	....	172.00B	....	171.90B	171.90	....	56
3	....	....	170.30A	170.30A	170.30	....	56
4	170.70	170.70	169.45A	169.45A	169.45	2	55
7	....	169.65B	168.70A	168.70A	168.70	....	55
8	....	169.30B	....	169.00B	169.00	....	55
9	....	171.25B	....	171.25B	171.25	....	55
10	....	172.70B	....	171.60B	171.60	....	55
11	....	173.50B	....	173.50B	173.50	....	55
14	....	173.90B	173.30A	173.40A	173.40	....	55
15	....	174.00B	172.40A	172.85A	172.85	....	55
16	173.50	173.50	172.20A	172.30A	172.30	16	71
17	....	172.80B	172.20A	172.75B	172.75	....	71
18	....	172.80B	171.90A	172.35A	172.35	....	71
21	....	173.65B	....	173.65B	173.65	....	71
22	....	174.20B	....	173.75B	173.75	....	71
23	....	173.80B	173.10A	173.80B	173.80	....	71
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	173.50	173.85B	172.50A	172.50A	172.50	10	72
29	....	175.00B	....	174.90B	174.90	....	72
30	....	175.40B	172.70A	172.70A	172.70	....	72
IN DECEMBER							
1	....	173.20B	172.50A	173.20B	173.20	....	72
2	....	....	171.40A	170.70A	171.70	....	72
5	....	172.60B	171.30A	172.55B	172.55	....	72
6	....	172.60B	172.05A	172.05A	172.05	....	72
7	....	172.90B	172.00A	172.70B	172.70	....	72
8	....	....	171.00A	171.00A	171.00	....	71
9	170.70	171.10B	170.50A	171.10B	171.10	2	72
12	171.40	172.00	171.40	172.00	172.00	4	72
13	....	....	170.80A	170.80A	170.80	....	72
14	170.30	171.00B	169.30A	169.45A	169.45	16	57
15	....	169.55B	168.25A	168.25A	168.25	....	57
16	....	169.50B	....	169.50B	169.50	....	57
19	....	170.00B	169.20A	169.50N	169.50	....	57
20	....	169.95B	168.90A	169.90A	168.90	....	57
21	170.60	170.95B	170.60	170.95B	170.95	1	58
22	170.50	171.30B	170.50	170.55B	170.55	1	58
23	170.65	170.90B	170.65	170.80B	170.80	2	60
26	Exchange Closed, Christmas						
27	171.50	172.00	171.45A	171.90@.70	171.80	24	77
28	171.30	171.75	170.90A	171.75	171.75	8	80
29	172.00	172.10	171.30A	171.50A	171.50	27	103
30	171.55	171.70B	171.10A	171.70B	171.70	20	83

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1984 FUTURES CONTRACT
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
17	176.00	#176.90B	*176.00	176.90B	176.90	15	15
20	....	#177.50B	176.00A	176.00A	176.00	....	15
21	176.00	#178.40B	*175.30A	178.40B	178.40	1	16
22	....	#179.10B	177.90A	177.90A	177.90	....	16
23	....	179.00B	177.20A	177.80A	177.80	....	16
24	....	....	176.65A	176.65A	176.65	....	16
27	176.00	176.00	*175.00A	175.05A	175.05	3	18
28	175.00	175.60B	*173.10A	173.10A	173.10	1	19
29	172.80	174.85B	*172.80	174.85B	174.85	6	18
30	....	175.70B	....	175.70B	175.70	....	18
			IN JULY				
1	....	175.90B	175.60A	175.90B	175.90	....	18
4	Exchange Closed, Independence Day						
5	....	....	*172.70A	172.80A	172.80	....	18
6	....	175.10B	....	175.10B	175.10	....	18
7	176.00	176.60B	173.90A	173.90A	173.90	1	18
8	....	174.10B	173.60A	173.70A	173.70	....	18
11	....	175.10B	....	174.10B	174.10	....	18
12	....	....	*171.75A	171.75A	171.75	....	18
13	....	172.60B	*171.25A	172.60B	172.60	....	18
14	....	173.70B	172.40A	172.70B	172.70	....	18
15	....	....	*170.30A	170.80A	170.80	....	18
18	170.80	171.50B	170.30A	170.70A	170.70	2	19
19	....	172.00B	....	171.60B	171.60	....	19
20	....	175.80B	....	175.80B	175.80	....	19
21	175.90	176.70B	175.00A	176.40B	176.40	2	18
22	176.20	176.30B	175.40A	175.50A	175.50	1	19
25	....	177.50B	174.80A	176.50B	176.50	....	19
26	....	177.90B	176.00A	177.45B	177.45	....	19
27	....	177.50B	174.00A	174.00A	174.00	....	19
28	174.25	174.25	172.00A	172.00A	172.00	....	19
29	171.50	171.50	*169.20A	170.20A	170.20	3	21
			IN AUGUST				
1	....	....	*168.90A	169.60A	169.60	....	21
2	....	170.70B	169.50A	169.50A	169.50	....	21
3	....	171.20B	169.30A	171.20B	171.20	....	21
4	170.45	170.45	*167.00A	168.10A	168.10	11	32
5	....	169.35B	168.00A	169.35B	169.35	....	32
8	....	....	*166.80A	167.10A	167.10	....	32
9	....	167.95B	*166.20A	167.95B	167.95	....	32
10	167.00	169.10B	167.00	169.10B	169.10	1	32
11	169.80	169.80	168.60A	169.10A	169.10	3	32
12	169.40	169.60B	169.30A	169.60B	169.60	1	31
15	170.80	171.30B	170.70A	170.70A	170.70	1	30
16	170.60	171.10B	169.90A	170.35A	170.35	4	29
17	170.70	171.90B	170.70	171.85B	171.85	1	30
18	172.25	172.25	169.40A	169.40A	169.40	....	30
19	169.40	170.05B	169.40	170.05B	170.05	2	29
22	171.40	171.40	169.70A	169.70A	169.70	1	30
23	169.50	169.80B	169.00	169.00	169.00	5	32
24	169.10	169.10	167.00A	167.00A	167.00	1	29
25	167.50	167.70B	167.15A	167.15A	167.15	4	28
26	166.90	168.30B	166.90	168.00B	168.00	1	29
29	168.30	168.50B	166.70A	168.05A	168.05	1	30
30	168.15	168.60B	167.60A	167.95A	167.95	2	30
31	167.90	169.70B	167.90	169.65B	169.65	1	29

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1984 FUTURES CONTRACT IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	170.30B	....	170.15B	170.15	....	29
2	170.10	170.95B	170.10	170.95B	170.95	1	30
5	Exchange Closed, Labor Day						
6	172.30	173.80B	172.30	173.80B	173.80	1	30
7	174.00	174.70B	174.00	174.30B	174.30	2	29
8	....	....	174.00A	174.10A	174.10	....	29
9	174.00	174.20B	172.80A	172.80A	172.80	1	29
12	171.80	175.50B	171.00A	171.80	171.80	1	30
13	....	....	170.10A	171.15A	171.15	....	30
14	....	172.00B	170.50A	171.70B	171.70	....	30
15	172.00	172.00	170.80A	170.85A	170.85	2	30
16	171.00	173.50B	171.00	173.35B	173.35	5	30
19	174.70	175.60	174.55A	174.55A	174.55	2	31
20	....	176.00B	....	175.70B	175.70	....	31
21	....	176.00B	175.20A	175.40A	175.40	....	30
22	....	176.65B	175.00A	176.30B	176.30	....	30
23	....	176.60B	176.15A	176.15A	176.15	....	30
26	....	177.00B	176.00A	176.15N	176.15	....	30
27	174.80	175.00B	174.80	175.00B	175.00	1	30
28	174.30	174.70B	174.30	174.70B	174.70	2	28
29	....	....	174.30A	174.30A	174.30	1	29
30	174.20	174.40B	172.95A	172.95A	172.95	2	29
IN OCTOBER							
3	....	173.15B	172.50A	173.15B	173.15	....	29
4	174.50	174.50	173.40A	173.40B	173.40	4	29
5	....	174.90B	....	174.90B	174.90	....	30
6	....	176.75B	....	176.75B	176.75	....	28
7	....	177.40B	....	176.95B	176.95	....	28
10	176.30	#179.20B	175.95A	179.20B	179.20	3	28
11	....	....	176.55A	176.55A	176.55	1	28
12	....	177.00B	176.00A	176.00A	176.00	....	28
13	....	176.90B	175.90A	176.90B	176.90	....	28
14	....	177.30B	176.60A	176.65A	176.65	....	28
17	....	178.50B	....	177.35B	177.35	....	28
18	177.80	178.50	174.90A	175.25A	175.25	11	29
19	....	....	173.00A	174.00A	174.00	....	29
20	....	174.60B	173.60A	174.55B	174.55	....	29
21	....	174.95B	172.90A	173.45A	173.45	....	29
24	171.90	174.10B	171.90	174.10B	174.10	2	31
25	....	175.10B	....	174.10N	174.10	....	31
26	172.70	174.35B	172.70	172.70	172.70	....	31
27	....	173.00B	172.65A	173.00B	173.00	....	31
28	....	173.40B	171.05A	171.10A	171.10	....	31
31	....	171.90B	....	171.75B	171.75	....	31
IN NOVEMBER							
1	171.60	172.60	171.60	172.60	172.60	11	28
2	....	173.40B	....	173.40B	173.40	....	28
3	....	....	171.80A	171.80A	171.80	....	28
4	....	172.00B	170.95A	170.95A	170.95	....	28
7	....	171.25B	170.20A	170.20A	170.20	....	28
8	....	170.80B	....	170.50B	170.50	....	28
9	170.50	172.75B	170.50	172.75B	172.75	1	29
10	174.60	174.60	173.10A	173.10A	173.10	1	29
11	175.00	175.00	175.00	175.00	175.00	2	31
14	175.50	175.50	174.90A	175.00A	175.00	1	31
15	175.90	175.90	174.30A	174.85B	174.85	36	66
16	175.30	175.30	173.90A	173.90A	173.90	8	66
17	....	174.35B	173.80A	174.35B	174.35	2	66
18	....	174.40B	173.80A	173.95A	173.95	....	66
21	....	175.15B	....	175.15B	175.15	....	66
22	....	175.80B	....	175.25B	175.25	....	66
23	....	175.30B	175.00A	175.30B	175.30	....	66
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	175.20	175.35B	174.00A	174.00A	174.00	5	66
29	177.05	177.05	176.80A	176.80A	176.80	6	67
30	174.20	177.30B	174.20	174.60A	174.60	1	67

S & P 500 STOCK INDEX FUTURES PRICES

DECEMBER 1984 FUTURES CONTRACT
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	174.80B	174.40A	174.80B	174.80	....	67
2	175.00	175.00	173.20A	173.30A	173.30	3	67
5	....	174.30B	173.20A	174.25B	174.25	4	71
6	174.00	174.30B	173.75A	173.75A	173.75	1	75
7	....	174.40B	173.70A	174.40B	174.40	....	75
8	....	....	172.60A	172.60A	172.60	....	74
9	....	172.70B	172.20A	172.70B	172.70	....	74
12	....	173.50B	....	173.50B	173.50	....	74
13	173.00	173.00	172.50	172.50	172.50	2	74
14	173.25	173.25	171.15A	171.15A	171.15	5	77
15	171.25	171.25	169.85A	169.95A	169.95	3	74
16	171.15	171.15	171.15	171.15	171.15	1	74
19	171.50	171.70	171.00A	171.15A	171.15	2	74
20	....	171.55B	170.55A	170.55A	170.55	....	70
21	....	172.60B	....	172.60B	172.60	1	70
22	....	172.95B	172.15A	172.15A	172.15	....	70
23	....	172.40B	....	172.40B	172.40	....	70
26	Exchange Closed, Christmas						
27	....	173.50B	....	173.40B	173.40	....	70
28	....	....	172.80A	173.40N	173.40	....	70
29	....	173.90B	173.10A	173.10A	173.10	....	70
30	172.90	173.85B	172.90	173.85B	173.85	1	70
			MARCH 1985 FUTURES CONTRACT IN SEPTEMBER 1983				
16	172.00	#174.50B	*172.00	174.35B	174.35	5	5
19	....	#176.30B	....	175.55B	175.55	....	5
20	....	#177.00B	....	176.70B	176.70	....	5
21	....	177.00B	176.40A	176.40A	176.40	....	5
22	....	#177.65B	176.00A	177.30B	177.30	....	5
23	....	177.60B	177.15A	177.15A	177.15	....	5
26	....	#178.00B	177.00A	177.15N	177.15	....	5
27	....	....	176.00A	176.00A	176.00	....	5
28	....	....	175.40A	175.70A	175.70	....	5
29	....	....	175.30A	175.30A	175.30	....	5
30	175.05	175.40B	173.95A	173.95A	173.95	1	6
			IN OCTOBER				
3	....	174.15B	173.50A	174.15B	174.15	....	6
4	....	175.40B	....	174.30B	174.30	....	6
5	....	175.90B	....	175.90B	175.90	....	6
6	....	177.80B	....	177.80B	177.80	....	6
7	....	#178.40B	....	178.00B	178.00	....	6
10	....	#180.25B	177.00A	180.25B	180.25	....	6
11	....	....	177.60A	177.65A	177.65	....	6
12	....	178.00B	177.10A	177.10A	177.10	....	6
13	....	178.00B	....	178.00B	178.00	....	6
14	....	178.40B	177.75A	177.75A	177.75	....	6
17	....	179.50B	....	178.45B	178.45	....	6
18	....	179.30B	176.30A	176.35A	176.35	....	6
19	....	....	174.40A	175.10A	175.10	....	6
20	....	176.00B	174.70A	175.65B	175.65	....	6
21	....	176.05B	174.10A	174.55A	174.55	....	6
24	....	175.20B	173.35A	175.20B	175.20	....	6
25	....	176.20B	....	175.20N	175.20	....	6
26	....	175.45B	173.80A	173.80A	173.80	....	6
27	....	174.10B	173.75A	174.10B	174.10	....	6
28	....	173.50B	172.15A	172.20A	172.20	....	6
31	....	173.00B	....	172.85B	172.85	....	6

S & P 500 STOCK INDEX FUTURES PRICES

MARCH 1985 FUTURES CONTRACT
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	173.60	174.00B	173.60	174.00B	174.00	5	6
2	....	174.80B	....	174.80B	174.80	....	6
3	....	....	173.30A	173.30A	173.30	....	6
4	....	173.50B	172.45A	172.45A	172.45	....	6
7	172.50	172.80B	*171.70A	171.70A	171.70	1	7
8	....	172.30B	....	172.00B	172.00	....	7
9	....	174.25B	....	174.25B	174.25	....	7
10	....	175.35B	....	174.60B	174.60	....	7
11	....	176.50B	....	176.50B	176.50	....	7
14	....	176.80B	176.40A	176.50N	176.50	....	7
15	176.30	177.20B	176.10A	176.70B	176.70	1	7
16	....	176.95B	175.60A	175.60A	175.60	....	7
17	....	175.95B	175.50A	175.95B	175.95	....	7
18	....	176.00B	175.55A	175.55A	175.55	....	7
21	176.55	176.65B	176.55	176.65B	176.65	1	8
22	....	177.35B	....	176.75B	176.75	....	8
23	....	176.80B	176.70A	176.80B	176.80	....	8
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	....	176.85B	175.50A	175.50A	175.50	....	8
29	....	178.70B	....	178.70B	178.70	....	8
30	....	179.20B	176.50A	176.50A	176.50	....	8

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	....	176.30A	176.30A	176.30	....	8
2	....	....	175.00A	175.00A	175.00	....	8
5	....	176.00B	174.95A	175.95B	175.95	....	8
6	175.20	176.00B	175.20	175.20	175.20	1	9
7	....	176.10B	175.15A	176.10B	176.10	....	9
8	....	....	174.20A	174.20A	174.20	....	9
9	....	174.30B	173.80A	174.20N	174.20	....	9
12	....	175.00B	....	175.00B	175.00	1	9
13	....	....	174.20A	174.20A	174.20	....	9
14	174.30	174.30	172.85A	172.85A	172.85	8	15
15	172.75	172.95B	*171.65A	171.65A	171.65	2	16
16	171.85	172.85B	171.85	172.85B	172.85	5	21
19	....	173.30B	172.80A	172.85N	172.85	....	21
20	....	173.25B	172.25A	172.25A	172.25	....	22
21	....	174.30B	....	174.30B	174.30	....	22
22	....	174.65B	173.80A	173.80A	173.80	....	22
23	....	174.00B	....	174.00B	174.00	....	22
26	Exchange Closed, Christmas						
27	....	175.10B	....	175.00B	175.00	....	22
28	....	....	174.70A	175.00N	175.00	....	22
29	175.50	175.50	174.80A	174.80A	174.80	1	20
30	175.40	176.00B	174.65A	176.00B	176.00	10	30

JUNE 1985 FUTURES CONTRACT
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
16	173.55	#174.55B	*173.55	174.55B	174.55	5	5
19	....	#175.00B	....	174.55N	174.55	....	5
20	....	174.95B	173.95A	173.95A	173.95	....	5
21	....	#176.00B	....	176.00B	176.00	....	5
22	....	#176.35B	175.50A	175.50A	175.50	....	5
23	....	175.60B	....	175.60B	175.60	....	5
26	Exchange Closed, Christmas						
27	....	#176.60B	....	176.60B	176.60	....	5
28	....	....	176.50A	176.55A	176.55	....	5
29	....	#177.05B	176.50A	176.50A	176.50	....	5
30	....	#177.70B	176.35A	177.70B	177.70	....	5

S & P 100 STOCK INDEX FUTURES PRICES

Daily price range, volume and open interest on the Index and Option Market
(S & P 100—$200.00 times Standard and Poor's 100 Stock Price Index)

SEPTEMBER 1983 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Volume (Trades Cleared)	Open Interest
14	168.30@.20	#168.30	*166.65	167.05@.10	167.05	4542	2085
15	166.70	166.70	*164.60	165.10@164.95	165.05	3457	1493
18	165.35@.40	166.10	164.65	165.35@.45	165.40	4000	1146
19	165.80	166.70	165.70	166.30@.40	166.35	3665	1274
20	167.85@.70	#170.45	167.60	170.40@.45	170.40	4529	1878
21	170.30@.10	#171.40	169.45	170.95@171.00	170.95	4619	1924
22	170.40@.50	170.85	169.75	170.20@.10	170.15	2599	2082
25	169.60@.50	#172.05	169.25	171.15@.25	171.20	3461	2224
26	171.10@.05	#172.50	170.45	171.60@.40	171.50	4249	2505
27	171.80@.90	172.35	168.05	168.40@.50	168.45	5123	2898
28	168.50@.60	168.90	165.65	165.85@.65	165.75	4349	2858
29	165.20@.25	165.60	*162.85	164.35@.30	164.35	4933	2601
				IN AUGUST			
1	164.20@.10	164.80	162.90	163.90@164.00B	163.95	4321	2815
2	164.55@.60	165.30	163.45	163.70@.60	163.65	3119	2901
3	163.85@.70	165.15	162.95	164.95@.90	164.90	3784	3154
4	164.50@.20	164.60	*160.35	162.40@.30	162.35	3916	3015
5	162.50@.60	163.95	161.90	163.50@.65	163.55	2536	3477
8	162.90@.80	162.90	161.35	161.75@.80	161.80	4360	3494
9	162.35@.30	163.00	160.50	162.70@.55	162.60	3681	3955
10	162.15@.25	164.45	161.55	163.65@.70B	163.70	3765	3862
11	164.40@.35	164.55	162.95	163.35	163.35	3116	3818
12	163.60@.55	164.30	163.50	163.80@164.00	163.90	2700	4009
15	164.80@165.00	166.25	164.80	165.10@.20	165.15	3958	4575
16	165.45	165.60	163.90	164.70@.85	164.80	3424	4639
17	165.20@.10	166.75	164.85	166.35@.25	166.30	3599	4535
18	166.55@.60	166.80	164.20	164.35@.40	164.40	3191	4621
19	164.40@.45	165.40	163.90	164.40@.35	165.35	2598	4610
22	166.85@.95	166.95	164.80	165.00@.164.80	164.90	3510	4822
23	165.30@.00	165.30	163.55	163.65@.75	163.70	3481	4756
24	164.00@.163.90	164.55	162.15	162.30@.15	162.25	3455	4705
25	162.60@.65	162.75	160.90	162.05@.25	162.15	3294	4727
26	161.60	163.60	161.55	163.30@.60	163.45	2514	4805
29	162.00@.10	164.15	161.80	164.15@.05	164.10	3033	4771
30	163.95@164.00	164.80	163.40	164.05@.15	164.10	2692	4881
31	164.00@.163.90	166.10	163.60	165.85@.95	165.90	2876	5024
				IN SEPTEMBER			
1	166.30@.25	166.35	165.15	165.70@.65	165.70	2114	4801
2	165.60	166.50	165.55	166.40@.50	166.45	933	4618
5	Exchange Closed, Labor Day						
6	167.50@.60	169.55	167.45	169.50@.55	169.50	3343	4631
7	169.60@.65	170.30	168.85	169.70@.85	169.75	3755	4375
8	169.55@.45	169.95	168.75	169.15	169.15	1525	4091
9	169.15@.25	169.40	167.90	168.05@167.90	168.00	1302	3900
12	170.50@.35	170.70	166.00	166.10@.20	166.15	3000	3016
13	166.25@.20	166.50	165.10	166.15	166.15	1640	2952
14	165.75@.85	166.85B	165.65A	166.40	166.40	376	2743
15	166.70	166.80	165.30	165.30	165.30	680	2557
16	165.60@.65	168.00	165.30	167.25B@.30	167.45	344	2456
19	....	....	....	....	....	121	....
20	....	....	....	....	....	51	....
21	2456 Contracts Delivered						

B-Bid; A-Ask; N-Nominal; ##Determined by C.M.E. Rule 813; #New Contract High; *New Contract Low
Note: Volume or Open Interest may be affected by spreads and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries.

S & P 100 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
14	169.20@.15	#169.35B	*168.00A	168.30A	168.30	2	....
15	166.70	166.90B	*165.90	166.20A	166.20	1	1
18	....	166.90B	165.90A	166.20N	166.55	1	2
19	167.35	167.80B	166.95A	167.50B	167.50	15	13
20	168.80	#171.75	168.80	171.75	171.75	14	24
21	171.40	#172.55	170.80A	172.15	172.15	16	29
22	....	....	171.15A	171.30A	171.30	....	29
25	170.70	#173.20B	170.60A	172.40A	172.40	7	32
26	172.45	#173.60B	171.80A	172.75B	172.75	5	29
27	173.20	173.40B	169.40A	169.70	169.70	7	29
28	169.70	169.95B	166.95A	166.95	166.95	8	28
29	166.30	166.80B	*164.35A	165.75@.70A	165.75	15	27

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	165.65	166.20	164.40A	165.20	165.20	16	32
2	165.95	166.35B	164.90A	164.90A	164.90	10	29
3	165.40	166.45B	164.40A	166.20A	166.20	10	36
4	165.50	165.50	*161.75A	163.65A	163.65	30	43
5	163.70	164.90B	163.30A	164.85B	164.85	8	43
8	163.00	163.80B	162.80A	163.10A	163.10	11	43
9	163.55	164.30	161.80	164.05	164.05	22	44
10	163.40	165.85	163.00	165.70	165.70	43	57
11	165.85@.90	165.90	164.35A	164.65A	164.65	14	62
12	164.75	165.60	164.75	165.20	165.20	11	66
15	166.00@.30	167.55	166.00	166.40	166.40	152	118
16	166.75	166.75	165.25	165.90B	166.10	46	109
17	166.90	167.90B	166.15A	167.60A@.50	167.50	36	114
18	167.90@168.00	168.00	165.45A	165.55B	165.55	83	116
19	165.70	166.50B	165.00	166.50B	166.50	27	118
22	167.85@168.20	168.20	165.95A	166.00A	166.00	97	158
23	166.35	166.35	164.70	164.75A@.70	164.75	94	168
24	164.95	165.65	163.35A	163.35A	163.35	151	250
25	163.75	163.80	162.10	163.25B	163.25	87	241
26	162.60	164.70	162.60	164.55B	164.55	205	194
29	163.10	165.20B	163.05	165.20B	165.20	130	243
30	165.15	165.85B	164.55A	165.20	165.20	129	298
31	165.20	167.25	164.80	167.05	167.05	166	364

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	167.45@.50	167.50	166.45A	166.85	166.85	130	378
2	166.85	167.65	166.80A	167.65@.60	167.60	104	412
5	Exchange Closed; Labor Day						
6	168.80@.90	170.65	168.80	170.65	170.65	388	598
7	170.75	171.45	170.05	170.90@171.05	170.95	559	773
8	170.35	171.10	169.85	170.40A	170.40	491	968
9	170.50	170.60	169.00	169.25@.00	169.15	205	1056
12	171.75@.90	171.90	167.05	167.15@.10	167.15	2533	1445
13	167.25@.35	167.85	166.25	167.50@.60	167.55	3369	1490
14	167.05	168.55	167.00	168.40@.50	168.45	2662	1539
15	168.60	168.60	167.20	167.30@.20	167.25	2338	1624
16	167.45@.35	170.15	167.35	169.80@.90	169.85	1814	1725
19	170.40@.30	171.60	169.90	171.15@.05	171.10	3334	1755
20	171.75@.80	172.50	171.25	171.95@.85	171.90	3235	1947
21	172.15	172.30	170.55	171.25@.15	171.20	2547	1780
22	170.70@.80	172.70	170.65	172.50@.30A	172.40	2457	1906
23	172.90@.60	172.90	171.50	172.10@171.90	172.00	1930	2071
26	172.75@.50	173.35	171.40	172.20@.00	172.10	2815	2053
27	171.70@.80	171.85	170.05	170.85@171.00	170.95	2631	2177
28	170.65@.75	171.00	170.05	170.70@.55	170.65	2163	2272
29	170.35@.40	170.85	169.90	170.15@.20	170.20	2739	2321
30	170.40	170.40	168.75	169.05@.10	169.05	1587	2345

S & P 100 STOCK INDEX FUTURES PRICES

DECEMBER 1983 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	168.40@.55	169.45	167.95	169.30@.45	169.35	2561	2379
4	169.30@.20	170.30	169.10	169.40@.50	169.45	2808	2547
5	169.80@170.00	171.40	169.10	171.30@.40	171.35	2261	2642
6	171.25@.05	173.10	170.95	173.10@172.95	173.00	4589	3513
7	173.00@.10	#173.75	172..75	173.15@.05	173.10	2628	3754
10	172.35	#175.20	172.10	175.05@.10	175.05	3196	3904
11	174.30@.25	174.65	172.55	172.60@.55	172.60	3801	3792
12	172.55@.60	173.40	171.45	172.00@171.95	172.00	3093	3531
13	172.25@.20	173.10	171.40	173.10@172.95	173.00	3843	3659
14	173.30@.15	173.30	171.75	172.75@.50	172.65	2603	3834
17	172.90@.70	174.80	172.30	173.70@.60	173.65	4421	3541
18	173.40@.30	173.65	170.20	170.75@.90	170.85	4649	3555
19	170.45	170.80	167.90	169.60@.50A	169.55	5712	3068
20	168.70@.80	170.35	168.70	169.65	169.65	4949	2863
21	169.80@.75	170.20	167.05	168.35@.45	168.40	3982	3116
24	167.10@.30	169.30	167.00	169.20@.30	169.25	5221	2965
25	169.25@.10	170.10	168.85	168.90@.85	168.90	4472	2664
26	169.00@168.90	169.25	167.30	167.30@.35	167.35	4729	2920
27	167.25@.30	168.10	167.10	167.85@.75	167.80	4112	2957
28	168.05@.15	168.35	165.65	166.15@.00A	166.10	3353	2873
31	166.30@.45	166.85	164.80	166.10@.20	166.15	4826	2566
IN NOVEMBER							
1	166.30@.20	166.85	164.95	166.55@.50	166.50	5534	2882
2	166.60@.40	168.20	166.15	167.60@.50	167.55	5237	2786
3	167.45@.30	167.55	165.75	165.75@.85	165.80	4760	2747
4	165.50@.45	165.80	164.55	165.05@164.95	165.00	4263	2532
7	164.85@.95	165.80	164.20	164.25@.30	164.30	3923	2638
8	164.55@.45	165.20	164.35	164.55@.65	164.60	3238	2834
9	164.90@.80	166.90	164.80	166.80@.70	166.75	4747	2956
10	166.95@.167.05	167.60	166.75	167.05@.00	167.00	4104	2636
11	167.10@.20	168.70	166.80	168.55@.45	168.50	2792	2370
14	168.10	169.70	168.10	168.65@.70	168.65	3914	2360
15	168.10@.20	169.05	167.10	167.35@.25	167.30	3864	2600
16	167.80@.70	168.20	166.75	167.45@.50	167.45	3785	2866
17	167.25	168.05	166.66	167.85@.80	167.80	3995	2853
18	167.70@.75	167.75	166.25	167.05@.10	167.10	2829	2844
21	167.60	168.80	167.55	168.40@.50	168.45	3557	3258
22	168.75@.60	169.25	168.10	168.40@.55	168.50	3841	3583
23	168.55	168.65	167.40	168.30@.40	168.35	2511	4031
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	168.50@.55	168.55	166.65	167.00@.10	167.05	2948	4252
29	167.15@.20	169.25	166.70	169.05@.00	169.00	4012	4249
30	169.25@.30	169.55	166.40	166.55@.45	166.50	3417	4098
IN DECEMBER							
1	166.25@.30	167.70	166.25	167.45@.50	167.45	3357	4264
2	167.00	167.35	165.60	166.00@.05	166.05	2589	3830
5	165.90@.80	167.55	165.15	167.10@.20	167.15	3256	3837
6	166.90	167.40	166.00	166.45	166.45	3641	3847
7	166.20	167.75	166.15	167.15@.30	167.20	3500	3819
8	166.85	167.25	165.60	165.90@.85	165.90	3318	3755
9	166.00	166.40	164.95	165.85@.75A	165.80	3061	3566
12	166.25@.55	167.15	165.90	167.15@.05	167.10	1761	2898
13	167.00@.20	167.20	165.90	166.10@.05	166.10	2317	3262
14	166.20	166.40	163.95	164.20	164.20	1307	3216
15	164.30	164.30	162.35	162.35	162.35	923	3412
16	162.65	163.55	162.65	163.45	163.61	324	3380
19	....	....	....	....	....	18	....
20	3380 Contracts Delivered						

S & P 100 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
14	170.25@.20	#170.25	*169.45A	169.50A	169.50	2	....
15	....	....	*167.05A	167.40A	167.40	....	....
18	No Contracts Open						
19	168.50	168.90B	168.20A	168.60B	168.60	14	14
20	....	#172.85B	....	172.85B	172.85	....	14
21	....	#173.60B	172.10A	173.30B	173.30	....	14
22	....	....	172.30A	172.50A	172.50	....	14
25	....	#174.40B	171.85A	173.55B	173.55	....	14
26	....	#174.80B	173.00A	173.95B	173.95	....	14
27	....	174.55B	170.60A	170.90A	170.90	....	14
28	....	171.10B	168.10A	168.10A	168.10	....	14
29	166.15	167.10B	*165.70A	166.90B	166.90	2	15
IN AUGUST							
1	....	167.35B	165.70A	166.50A	166.50	....	15
2	....	167.55B	166.20A	166.20A	166.20	....	15
3	....	167.60B	165.85A	167.45B	167.45	....	15
4	....	....	*163.10A	164.90A	164.90	....	15
5	....	166.20B	164.65A	166.20B	166.20	....	15
8	....	....	164.10A	164.40A	164.40	....	15
9	164.60	165.15B	163.20A	165.15B	165.15	1	15
10	....	166.85B	164.30A	165.15N	166.25	....	15
11	....	167.10B	165.80A	165.95A	165.95	....	15
12	....	166.60B	....	166.50B	166.50	....	15
15	....	168.60B	....	166.50N	167.70	....	15
16	....	168.00B	166.50A	167.10A	167.10	....	15
17	....	169.05B	....	168.80B	168.80	....	15
18	169.45	169.45	166.70A	166.80A	166.80	5	20
19	....	167.70B	166.35A	167.70B	167.70	....	20
22	....	169.10B	167.15A	167.15A	167.15	....	20
23	....	167.35B	165.90A	165.90A	165.90	....	20
24	....	166.60B	164.40A	164.40A	164.40	....	20
25	....	164.80B	163.25A	164.30A	164.30	....	20
26	....	165.70B	163.90A	165.60B	165.60	....	20
29	....	166.25B	164.30A	166.25B	166.25	....	20
30	....	166.90B	165.70A	166.25N	166.25	....	20
31	....	168.20B	166.00A	168.10B	168.10	....	20
IN SEPTEMBER							
1	....	168.30B	167.40A	167.90A	167.90	....	20
2	168.70	168.70	168.70	168.70	168.70	....	20
5	Exchange Closed; Labor Day						
6	170.75	171.75	170.70A	171.75	171.75	5	23
7	....	172.50B	171.45A	171.95B	171.95	....	23
8	....	172.20B	171.30A	171.55A	171.55	....	23
9	....	171.75B	170.50A	170.50A	170.50	....	23
12	173.20	173.40	168.50A	168.50A	168.50	6	25
13	....	168.80B	167.60A	168.50N	168.50	....	25
14	....	169.10B	168.40A	169.00B	169.00	....	25
15	169.10	169.30B	168.70A	168.70A	168.70	2	25
16	....	....	....	168.70N	171.05	....	25
19	172.70	172.85B	172.35A	172.35A	172.35	2	25
20	173.50	173.80B	172.90A	173.50	173.40	2	27
21	....	173.50B	172.50A	172.50A	172.50	....	27
22	....	174.00B	172.25A	173.80B	173.80	....	27
23	173.60	174.00B	173.20A	173.60	173.60	1	27
26	173.20	174.15	173.20	174.15	174.15	2	27
27	172.95	172.95	171.85A	172.20B	172.20	21	46
28	171.80	172.10B	171.80	171.85B	171.85	43	76
29	....	172.00B	171.45A	171.85N	171.45	5	81
30	....	....	170.35A	170.35A	170.35	....	81

S & P 100 STOCK INDEX FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	....	170.65B	170.00A	170.65B	170.65	....	81
4	171.05	171.45B	170.75A	170.75A	170.75	3	81
5	171.50	172.80B	170.90A	172.80B	172.80	....	81
6	172.80	174.50	172.70	174.50	174.50	184	188
7	174.60	#175.00B	174.30A	174.65A	174.65	18	188
10	174.50	#176.65B	173.85A	176.65B	176.65	2	190
11	176.00	176.00	174.30A	174.30A	174.30	37	217
12	173.50	174.50B	173.20A	173.20A	173.20	1	218
13	....	174.60B	173.25A	174.60B	174.60	....	218
14	174.60	174.60	174.20A	174.20A	174.20	2	220
17	174.50	176.20B	174.30A	175.50A	175.25	1	219
18	174.50	174.50	171.90A	172.25A	172.25	5	222
19	....	....	169.95A	171.15A	171.15	5	226
20	171.00	171.55B	171.00	171.20	171.30	41	220
21	171.65	171.65	169.60	170.15B	170.15	16	214
24	168.85	170.00B	168.85	170.00B	171.00	157	175
25	171.10	171.50B	170.50	170.50	170.50	12	186
26	169.70	170.80B	168.95A	168.95A	168.95	1	187
27	169.20	169.60	168.90A	169.60	169.45	....	173
28	169.70	169.90B	167.55A	167.90B	167.65	6	171
31	168.00	168.65	166.80	168.00B	168.00	6	171

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	167.55	168.30B	167.50A	168.30B	168.30	51	219
2	168.85	169.60	168.80	169.60	169.60	39	182
3	168.25	168.75B	167.90A	167.90A	167.90	17	197
4	167.10	167.15B	166.50A	166.60	166.60	31	195
7	166.70	167.50B	166.05A	166.05A	166.05	1	196
8	166.20	166.90	166.20	166.30	166.30	31	203
9	167.85	168.60B	167.40	168.60B	168.60	35	208
10	168.70@169.00	169.30	168.70	168.90	168.90	11	213
11	169.00	170.30B	168.75A	170.30B	170.30	52	229
14	170.15	171.45B	170.10	170.30B	170.50	61	257
15	169.70	170.60B	169.15	169.15	169.15	58	252
16	169.75	170.00	169.00	169.25	169.25	88	312
17	169.15	169.75	169.05A	169.75	169.75	3	305
18	169.35	169.35	168.30A	169.00B	169.00	7	304
21	169.75	170.60B	169.75	170.35B	170.35	5	303
22	170.50	171.15	170.30A	170.95	170.40	17	310
23	170.40	170.40	169.50A	170.30B	170.30	11	349
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	170.50	170.50	168.85A	169.10	169.10	34	355
29	169.00	171.30	168.70	171.20	171.20	86	374
30	171.50	171.65B	168.40	168.40	168.60	160	418

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	168.50@.45	169.80	168.40	169.50	169.50	296	476
2	169.00	169.35B	167.60	168.05	168.05	597	852
5	167.75	169.40B	167.25A	169.05	169.10	165	876
6	169.00	169.35	168.15	168.50@.60	168.50	260	890
7	168.30	169.70	168.25	169.20	169.20	534	1067
8	168.80	169.10	167.50	167.80	167.75	301	1177
9	167.90	168.05	166.90	167.65	167.65	147	1221
12	168.30	169.10	167.85	169.10	169.10	290	1279
13	168.75@.70	168.95	167.80	167.80@168.00	167.90	918	1463
14	168.05	168.35	165.75	166.40@.25A	166.35	827	1518
15	166.40@.30	166.50	165.15	165.25@.15	165.20	1201	1768
16	165.80@.75	166.75	165.45	166.35@.50	166.40	1346	2078
19	166.20@.15	167.35	166.05	166.65@.70	166.65	1478	2637
20	167.00@.05	167.30	165.70	166.10@.05	166.05	923	2777
21	166.60	168.20	166.55	167.90@168.00	167.95	1212	2919
22	168.30@.40	168.45	167.10	167.45@.25	167.35	1202	2806
23	167.65@.70	167.70	167.00	167.50@.20	167.35	215	2777
26	Exchange Closed, Christmas						
27	167.70@.75	168.80	167.70	168.45A@.30	168.35	665	2793
28	168.00	168.45	167.55	168.35@.25	168.30	518	2781
29	168.80@.75	168.95	168.00	168.20	168.20	428	2775
30	168.15	168.45	167.80	168.30	168.30	103	2759

S & P 100 STOCK INDEX FUTURES PRICES

JUNE 1984 FUTURES CONTRACT
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
22	174.50	#174.50	*174.50	174.50	174.30	4	4
23	....	....	....	174.30N	174.30	1	5
26	....	....	....	174.30N	174.30	....	5
27	....	....	*173.00A	*173.00A	172.45	....	5
28	....	173.05B	....	173.05B	173.05	....	5
29	173.00	173.00	*173.00	173.00	172.60	5	2
30	....	....	*171.50A	171.50A	171.50	....	2
IN OCTOBER							
3	....	.71.80B	*171.25A	171.80B	171.80	....	....
4	No Contracts Open						
5	172.10	174.15B	172.10	174.15B	174.15	5	5
6	....	#176.20B	....	176.20B	176.20	....	5
7	....	#176.65B	175.85A	176.00A	176.00	12	17
10	....	#177.80B	175.50A	178.00B	178.00	....	17
11	176.70	177.00B	176.70	176.70	175.60	....	17
12	....	....	174.80A	174.80A	174.80	1	18
13	....	176.00B	174.55A	176.00B	176.00	....	18
14	175.70	175.70	175.70	175.70	175.70	1	17
17	....	....	....	175.70N	176.60	....	17
18	176.80	176.80	174.50A	174.50A	174.50	1	18
19	....	....	*171.20A	172.55A	172.55	....	18
20	....	....	....	172.55N	172.70	....	18
21	....	172.85B	*171.00A	171.50A	171.50	....	18
24	....	....	....	171.50N	172.50	....	18
25	....	....	....	172.50N	171.80	....	18
26	....	....	....	171.80N	170.30	....	18
27	....	....	*170.25A	170.30N	170.80	....	18
28	....	171.25B	*169.90A	169.90A	169.00	....	18
31	....	169.25B	....	169.25B	169.25	....	18
IN NOVEMBER							
1	...	169.55B	....	169.55B	169.55	....	18
2	....	....	....	169.55N	170.85	....	18
3	....	....	....	170.85N	169.15	....	18
4	....	....	*168.40A	168.40A	168.00	....	18
7	....	....	*167.30A	167.30A	167.30	....	18
8	168.00	168.00	168.00	168.00	167.70	1	18
9	....	....	....	167.70N	170.00	....	18
10	....	....	....	170.00N	170.40	....	18
11	....	....	....	170.40N	171.75	....	18
14	....	....	....	171.75N	172.00	....	18
15	....	....	....	172.00N	172.00	....	18
16	....	....	....	172.00N	172.20	....	18
17	....	....	171.25	171.55A	171.55	....	18
18	....	....	....	171.55N	170.85	....	18
21	....	172.20B	....	172.20B	172.20	....	18
22	....	172.25B	....	172.25B	172.20	....	18
23	....	....	....	172.20N	172.20	....	18
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	....	....	....	172.20N	170.70	....	18
29	....	....	....	170.70N	172.90	....	18
30	....	....	....	172.90N	170.40	....	18

S & P 100 STOCK INDEX FUTURES PRICES

JUNE 1984 FUTURES CONTRACT
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	171.15B	....	171.10B	171.30	....	18
2	....	....	170.70A	171.30N	169.85	....	18
5	....	....	....	169.85N	170.95	....	18
6	170.35	170.35	170.35	170.35	170.25	1	18
7	....	....	....	170.25N	171.10	....	18
8	....	....	170.00A	170.00A	169.70	....	18
9	168.95	169.30B	168.90A	168.95	169.10	1	19
12	169.60	170.70B	169.60	170.70B	170.70	1	19
13	....	....	....	170.70N	169.50	....	19
14	....	....	....	169.50N	167.90	....	19
15	....	....	....	167.90N	166.70	....	19
16	....	....	....	166.70N	167.90	....	19
19	169.10	169.10	169.10	169.10	168.15	1	19
20	....	168.80B	167.90A	167.90A	167.90	....	19
21	169.00	169.80B	169.00	169.80B	169.80	13	8
22	170.00	170.00	169.25	169.55	169.55	13	18
23	169.95	169.96	169.65A	169.65A	169.40	2	20
26	Exchange Closed, Christmas						
27	....	....	....	169.40N	170.40	....	19
28	....	....	....	170.40N	170.40	....	19
29	....	....	....	170.40N	170.40	....	19
30	....	....	....	170.40N	170.40	....	19

RANDOM LENGTH LUMBER FUTURES PRICES

Daily price range, volume and open interest on the Index and Option Market
(In Dollars and Cents per Thousand Board Feet)

JANUARY 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliveries	Open Interest
3	168.00	168.80	166.60	167.00@166.60	166.80	413	....	1869
4	165.80	169.90	165.30	169.30@.90	169.60	641	....	1685
5	170.00	*174.60*	169.10	174.60	174.60	867	....	1367
6	175.00	179.20	174.80	178.20@.50	178.30	578	....	1166
7	179.40	179.70	177.10	179.00@.70	179.30	349	....	1029
10	178.50	179.70	177.30	179.00@178.60	178.80	381	....	734
11	180.00	180.20B	176.50	177.00@176.60	176.80	378	....	734
12	176.00	177.30	176.00	176.50	176.50	175	....	456
13	177.00	177.90	176.50	177.50	177.50	196	....	306
14	178.00@.50	182.00	178.00	182.00@180.50	181.20	143	....	177
17	....	....	....	....	....	7	26	91
18	....	....	....	....	...	30	31	55
19	...	....	....	....	....	35	20	35
20	....	....	....	....	....	....	12	23
21	....	....	....	....	....	....	10	13
24	....	....	....	....	....	....	2	11
25	....	....	....	....	....	....	....	11
26	....	....	....	....	....	....	2	9
27	....	....	....	....	....	....	3	6
28	....	....	....	....	....	....	1	5
31	....	....	....	....	....	....	5	....

MARCH 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	183.50@.60	184.80	183.30	183.50@.40	183.40	650	4042
4	182.30@.20	187.80	180.50	187.50@.80	187.60	2661	4326
5	187.90@.60	191.40	186.80	189.50@.20	189.30	2398	4383
6	190.10@.00	192.90	189.30	190.50@191.50	191.00	1789	4468
7	191.50@.80	193.60	190.80	192.50@.80	192.60	1732	4360
10	192.30@.50	195.00	191.80	194.50@.90	194.70	1759	4679
11	195.90@.70	196.00	192.80	193.60@.20	193.40	1706	4774
12	193.00	194.00	191.80	191.80@192.00	191.90	1417	4982
13	193.20@.00	193.20	191.20	192.40@.70	192.50	1333	4910
14	193.00@.30	195.50	193.00	195.30@.00	194.10	1847	5086
17	195.70@196.00	199.40	195.70	197.00@196.80	196.90	1727	5124
18	194.50@.10	196.50	194.10	196.50@.30	196.40	1603	5299
19	194.30@193.50	194.90	192.40	192.40@193.00	192.70	1476	5283
20	193.00@.50	194.50	192.30	194.20@193.50	193.80	1057	5287
21	192.80@.40	192.80	191.30	191.40@.60	191.50	1075	5403
24	188.70@.10	189.30	187.10	188.50@189.30	188.90	1889	4929
25	190.00@.20	190.90	187.80	187.80@188.00	187.90	1592	5002
26	186.50	188.40	185.40	185.50	185.50	1985	4875
27	185.00@.20	187.50	185.00	187.00@186.50	186.70	1426	5179
28	188.20@189.00	190.90	187.60	189.80@.70	189.70	1694	5115
31	193.00@192.00	*194.70*	190.70	194.70	194.70	1684	5120

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	193.50	196.30	*189.70A*	189.70A	189.70	2066	5097
2	187.50@.10	189.40	186.70	189.20@.40	189.30	1295	5096
3	189.30	189.60	187.10	187.10@.30	187.20	1002	4987
4	185.00@.20	191.80	184.50	191.00@190.00	190.50	2238	4713
7	190.50@.70	192.80	186.50	187.40@186.50	187.00	1415	4700
8	187.70	187.90	184.50	184.50@.70	184.60	1676	4625
9	182.70@183.50	185.80	182.70	185.20@.70	185.40	1176	4532
10	186.30@.40	188.50	186.10	187.80@.00	187.40	1104	4630
11	188.40@.50	188.80	182.50	183.60@.20	183.40	1709	4467
14	182.00@181.20	183.80	180.70	182.00@181.50	181.80	2019	4395
15	182.50@183.00	184.80	181.20	184.80@.00	184.40	1503	4234
16	184.00	185.20	182.60	183.10@.30	183.20	921	4203
17	184.50@.20	185.40	181.60	183.20@.70	183.40	1158	4057
18	184.50@.30	185.00	183.50	183.60@.80	183.70	954	3764
21	Exchange Closed, President's Day						
22	183.70@.50	184.80	180.10	180.50@.10	180.30	906	3412
23	179.00@178.60	180.20	178.20	179.00@178.50	178.80	803	3107
24	179.20@.50	182.70	179.20	182.20@.70	182.40	819	2963
25	183.50	184.30	180.80	181.50@182.50	182.00	787	2794
28	179.30@.00	179.90	177.10	178.00@179.00	178.50	998	2284

B—Bid; A—Ask; N—Nominal;
Italic figures indicate limit high or low price; # New Contract High; *New Contract Low
Note: Volume or Open Interest may be affected by cash-for-futures, spreads, and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries.

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1983 FUTURES CONTRACT IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliv-eries	Open Interest
1	179.00	179.70	177.40	178.30@.20	178.30	718	....	1914
2	179.10@.50	182.50	179.00	181.90@182.50	182.20	426	....	1748
3	183.00	184.00	182.00	183.80	183.80	480	....	1624
4	185.00	185.00	183.20	184.20@183.70	183.90	427	....	1459
7	182.50@.10	185.00	181.50	184.00@185.00	184.50	334	....	1359
8	181.00	181.00	179.80	180.00@179.90	180.00	420	....	1235
9	178.50@.00	178.80	*175.00*	175.00A	175.00	602	....	812
10	175.00	176.00	172.50	173.00@172.50	172.80	388	....	501
11	173.50	174.40B	169.80	169.80	169.80	237	....	298
14	170.60	172.80	168.30	168.80@.30	168.60	160	....	170
15	170.00	170.00	165.80	169.00	169.00	164	....	100
16	....	....	....	....	....	1	50	50
17	....	....	....	....	....	....	25	25
18	....	....	....	....	....	....	....	25
21	....	....	....	....	....	....	15	10
22	....	....	....	....	....	....	....	10
23	....	....	....	....	....	....	6	4
24	....	....	....	....	....	....	....	4
25	....	....	....	....	....	....	....	4
28	....	....	....	....	....	....	3	1
29	....	....	....	....	....	....	....	1
30	....	....	....	....	....	....	....	1
31	....	....	....	....	....	....	1	....

MAY 1983 FUTURES CONTRACT IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	193.00	193.90	192.10	192.60@.10	192.30	190	1541
4	190.50@.80	197.00	189.80	196.30@197.00	196.60	312	1538
5	196.60@.50	200.00	195.40	198.70@.20	198.40	495	1587
6	199.50@.30	202.00	198.60	200.80@.50	200.60	564	1689
7	201.30	#203.40	200.70	202.80@203.00	202.90	354	1735
10	202.90	#204.60	201.80	204.60@.00	204.30	355	1788
11	205.30	#205.50	202.60	202.60@203.00	202.80	458	1753
12	203.00	204.00	201.90	201.90@202.40	202.20	435	1872
13	203.50@.40	203.60	201.50	202.00@.30	202.20	266	1842
14	203.50@.80	#205.80	203.50	205.80@.20	205.50	351	1785
17	207.40@.50	#209.50	206.80	207.70@.30	207.50	432	1824
18	206.30@.50	207.60	204.80	206.80@207.30	207.10	508	1876
19	205.50@.10	205.90	203.20	203.50@.90	203.70	315	1878
20	205.50	205.90	203.70	205.90@.00	205.40	469	1906
21	203.60@.50	204.00	202.30	203.10@202.70	202.90	326	1898
24	199.60@.30	199.90	*197.90*	198.50@.90	198.70	595	1842
25	201.00	201.20	197.50	198.00@197.50	197.80	651	2001
26	197.00	197.70	195.30	195.70@196.20	196.00	669	2073
27	195.70@.80	198.50	195.60	198.00	198.00	530	2155
28	199.20@.30	201.80	199.00	200.30@199.60	199.90	721	2302
31	201.90	*204.90*	201.00	204.90@.90B	204.90	812	2397

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	204.50@.10	206.60	*199.90*	199.90@.90A	199.90	1087	2505
2	197.30@.00	199.40	196.40	199.00@198.60	198.80	805	2668
3	198.50	199.00	195.50	196.00@195.50	195.80	648	2709
4	197.60@.40	*200.80*	194.00	198.70@199.50	199.10	1169	2713
7	199.70	201.80	196.10	196.20@.10	196.20	914	2772
8	196.50	197.30	193.50	193.50	193.50	998	2956
9	192.50@.70	195.10	192.50	194.00@.60	194.30	883	2947
10	195.60	197.50	195.60	196.90@.50	196.70	880	3050
11	198.10@.30	198.90	193.50	194.80@195.20	195.00	1067	3254
14	193.00@192.30	195.60	192.30	193.80@.50	193.70	1023	3409
15	194.80@.90	196.10	194.10	196.00@195.70	195.80	855	3487
16	195.00@.50	196.60	194.30	195.40@196.00	195.70	1192	3713
17	197.50@198.00	198.60	195.60	198.00@197.50	197.70	1830	3893
18	198.90@199.10	199.60	197.60	198.80@199.40	199.10	1272	3952
21	Exchange Closed, President's Day						
22	199.10@.00	199.70	195.10	195.30@.20	195.30	1468	4050
23	194.00	195.30	193.40	194.50@.00	194.30	1412	4300
24	195.50@.30	197.50	195.10	197.00@.50	197.20	1449	4583
25	198.80	199.40	194.50	195.80@.50	195.70	1396	4517
28	191.00@.50	192.50	*190.70*	190.70A	190.70	2475	4165

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1983 FUTURES CONTRACT IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	191.00@.30	192.70	189.60	190.80A@.20	190.50	2040	4252
2	192.30	193.10	191.30	192.90@.60	192.70	1264	4512
3	193.30@.40	194.30	192.30	193.70@.40	193.50	1299	4656
4	194.30@.50	194.60	191.60	192.50@.80	192.70	1218	4497
7	192.90	194.40	191.70	193.30@192.50	192.90	1021	4574
8	188.60@.80	190.90	188.50	189.80@.50	189.70	2028	4810
9	189.30@.10	190.50	185.10	185.10@.40	185.30	2602	4914
10	186.80@.60	187.40	185.30	186.50@187.00	186.70	1564	4896
11	186.10@.00	186.90	183.80	184.00@.40	184.20	1441	4776
14	184.90@185.30	186.90	184.60	185.80@.60	185.70	985	4957
15	186.00@185.70	187.50	184.80	185.60@.20	185.40	1310	5041
16	186.30@.50	187.40	185.60	186.50@.90	186.70	1119	5264
17	189.00@.30	189.50	187.80	189.50@.30	189.40	1379	5207
18	191.10@192.80	192.80	191.10	191.40@.70	191.50	1795	5008
21	190.10@.30	190.40	187.60	187.60@188.00	187.80	1056	4826
22	188.00	188.80	187.00	187.90@.30	187.60	1047	4981
23	188.00@187.80	190.00	187.60	189.60@.30	189.40	1122	5059
24	190.00@189.80	190.20	185.70	185.80@186.20	186.00	1329	5018
25	186.70@187.00	187.00	184.50	184.60@185.00	184.80	1623	4935
28	185.40@.80	186.40	184.60	184.80@.60	184.70	568	4940
29	185.80@.90	166.00	185.00	185.10@.00	185.00	502	4999
30	184.90	185.90	183.80	185.50@.20	185.30	874	5157
31	186.50@.10	186.60	184.60	184.60	184.60	876	5157

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	184.80	185.50	183.80	184.20@.00	184.10	500	5187
5	185.00	185.50	183.20	183.50@.80	183.70	1006	5008
6	184.00	184.20	182.70	183.50	183.50	852	4905
7	183.30@.20	186.20	183.20	185.50@.70	185.60	1363	4806
8	186.40	186.50	185.20	186.00@.30	186.10	667	4785
11	187.40@.50	189.50	187.40	189.50	189.50	1073	4767
12	189.50@.30	189.50	186.70	187.00@186.80	186.90	1060	4634
13	187.30	189.50	187.00	189.10@.50	189.30	930	4513
14	191.30@.00	192.40	190.00	191.50@.70	191.60	1455	4262
15	191.00	192.20	190.30	190.50@.70	190.60	594	4164
18	191.50@.60	193.60	190.30	193.50@.60	193.50	966	3871
19	192.50@.20	192.50	188.90	190.20@.40	190.30	1102	3481
20	190.00@.10	190.60	188.50	189.00@188.60	188.80	664	3376
21	188.80	189.60	188.20	188.60@.80	188.70	444	3033
22	188.50@.40	189.50	188.20	189.00@188.70	188.80	329	3006
25	191.00	191.40	190.00	191.00@.40	191.20	560	2810
26	190.80	190.80	187.50	188.00@187.50	187.80	529	2674
27	188.50	188.80	186.50	187.30	187.30	842	2457
28	187.90@188.00	192.20	187.90	192.00@.20	192.10	1160	2136
29	192.40	193.40	189.70	193.40@.00	193.20	693	1994

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliveries	Open Interest
2	193.50	193.50	191.50A	193.00	193.00	537	....	1730
3	192.20	195.60	192.20	194.30@193.80	194.00	441	....	1629
4	196.50@.80	198.80	196.20	197.30@198.00	197.60	773	....	1330
5	198.30	199.90	197.60	198.60	198.60	380	....	1128
6	201.50	203.40	200.50	202.50@203.40	202.90	432	....	888
9	202.40	206.20	200.50	205.00@206.20	205.60	252	....	735
10	206.00	207.60	205.50	206.70	206.70	352	....	527
11	207.30	*#211.70*	205.30	211.70B	211.70	223	....	440
12	213.00	*#216.70*	212.50	216.70B	216.70	188	....	310
13	221.70@.70B	*#221.70*	214.70A	216.50@218.00	217.20	249	....	70
16	....	....	....	....	....	....	32	38
17	....	....	....	....	....	....	1	37
18	....	....	....	....	....	....	3	34
19	....	....	....	....	....	....	34	....

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	201.30	201.80	201.00	201.50@.10	201.30	61	1119
4	199.80@.40	#204.80	198.90A	204.80@.00A	204.40	139	1102
5	204.90@205.20	#208.00B	203.70	207.00@.80	207.40	178	1130
6	206.90	#209.40	206.30	209.00@.30	209.10	226	1164
7	208.50	#211.00	208.50	211.00@210.90	210.90	142	1179
10	210.90@.50	#212.80	210.10	212.80@.50	212.60	131	1168
11	214.00@213.80	#214.00	210.20	211.00@.50	211.30	161	1146
12	210.80@211.10	212.00	209.50	211.00	211.00	120	1183
13	211.30	211.60	210.00	211.00@.30	211.10	92	1177
14	212.20@.10	#214.40	212.10	214.40	214.40	202	1202
17	216.40@.70	#217.60	215.70	216.50	216.50	211	1225
18	215.00	216.00	213.70	216.00	216.00	178	1237
19	214.80@.50	214.80	212.20	213.40@.00	213.20	160	1255
20	213.20@.40	214.90	212.30	214.90@.50	214.70	106	1261
21	213.80	213.80	211.60	212.60@.80	212.70	136	1270
24	207.70	209.00	*207.70*	208.40@.50	208.50	257	1299
25	209.60@.80	210.50	207.60	208.70@207.60	208.20	13	1333
28	210.00@.50	212.00	208.80	212.00@211.00	211.50	241	1346
31	213.40@.00	216.00	211.70	215.50@216.00	215.70	331	1375
				IN FEBRUARY			
1	215.40@.00	216.40	*210.70*	210.70A	210.70	442	1426
2	208.70	209.50	207.60	209.50@208.60	209.10	303	1464
3	209.30@.10	209.50	206.70	207.30@206.70	207.00	169	1451
4	206.80@207.20	211.50	205.30	209.10B@.70	209.40	179	1451
7	209.60@210.40	211.20B	207.50	208.50@207.50	208.00	175	1470
8	207.90	208.30	204.60	205.00@204.60	204.80	252	1486
9	204.10	205.80	203.80	205.50@.00	205.20	264	1472
10	205.50@.70	208.00	205.50	207.50@.30	207.40	163	1506
11	209.60@.50	209.60	204.40	205.50@206.00	205.80	254	1487
14	203.70@.50	206.50	203.50	205.00@204.60	204.80	219	1502
15	206.30	207.40	205.30A	207.40@206.80A	207.10	348	1558
16	207.00	207.70	206.00	207.50@.30	207.40	218	1543
17	209.50@.80	209.90	207.40	208.70@209.30	209.00	400	1634
18	211.00	211.00	209.00	210.00@209.00	209.50	211	1683
21	Fxchange Closed, President's Day						
22	210.00@.30	210.70	206.20	206.60@.40	206.50	276	1704
23	206.00	206.60	205.10	205.60@.50	205.60	282	1759
24	205.60	208.90	205.60	208.90@.50	208.70	331	1816
25	210.20@.00	210.60	206.60	207.30@.00	207.20	294	1816
28	204.00@203.20	204.00	*202.20*	202.30@.20	202.30	612	1787
				IN MARCH			
1	202.80	204.40	201.00	202.50@201.00	201.80	524	1853
2	203.50	204.30	202.60	203.50@.90	203.70	421	1890
3	204.70	205.70	203.70	204.70	204.70	457	1857
4	205.00	205.50	202.70	203.10	203.10	369	1806
7	203.00	204.60	202.10	203.00@202.80	202.90	293	1848
8	197.90	201.60	*197.90*	201.20@200.80	201.00	490	1855
9	200.00	201.70	196.50	196.50	196.50	732	1881
10	197.50@.30	198.60	196.50	197.50@.00	197.20	398	1868
11	197.00	197.00	195.60	195.70@.90	195.80	427	1888
14	198.20	198.80	196.00	197.70@198.00	197.80	510	1977
15	198.00	199.30	197.40	198.00@197.50	197.80	399	1974
16	199.00@.30	199.70	198.20	199.20@.60	199.40	258	2025
17	201.70@.30	202.00	200.30	201.80@202.00	201.90	476	2127
18	203.20@.40	204.20	203.00	203.70@204.00	203.80	475	2233
21	202.00@.20	202.70	200.80	201.10@200.80	201.00	329	2236
22	201.00	201.80	200.20	200.70@.30	200.50	278	2269
23	201.00	203.50	200.50	202.80@.50	202.60	466	2334
24	203.30@.00	203.50	198.20	199.00@198.80	198.90	626	2357
25	199.00@198.80	199.00	197.00	197.80@198.10	198.00	1013	2554
28	198.30	199.00	197.40A	198.00@197.70	197.90	226	2559
29	198.90	199.00	197.20	197.70@.40	197.60	332	2673
30	197.30@.20	198.00	196.60	197.80@.90	197.80	317	2659
31	199.20	199.50	197.60	197.80@.60	197.70	548	2767

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	197.70@.50	198.00	195.80	197.00@196.50	196.60	485	2772
5	197.80	198.80	196.40	196.60@.40	196.50	667	2927
6	197.00	197.60	195.60	197.30@196.50	196.90	450	3016
7	196.20@.10	199.20	196.10	199.00@198.20	198.60	863	3076
8	199.50	199.90	198.30	199.70@.50	199.60	629	3106
11	202.00	203.80	201.00	203.20@.80	203.50	927	3301
12	204.50@.30	204.50	201.50	201.60@.90	201.80	1646	3401
13	202.50@.30	*206.80*	201.90	206.80@.80B	206.80	1502	3696
14	206.60	208.30	205.20	207.50@.00	207.20	1318	3753
15	206.50	207.90	206.20	206.20@.50	206.40	858	3983
18	207.00	209.80	205.50	209.80@.60	209.70	1359	4329
19	208.50@.90	208.90	*204.70*	205.00@.20	205.10	1487	4321
20	205.70@.50	206.50	203.20	205.00@204.80	204.90	1144	4407
21	204.90@205.00	205.80	203.90	204.90@.50	204.70	756	4480
22	204.20	205.60	204.10	205.00@204.70	204.80	618	4516
25	206.80@207.20	207.30	206.00	207.10@206.90	207.00	938	4661
26	207.50	207.50	204.20	204.30@.70	204.50	1035	4651
27	205.00	205.40	203.10	203.70@.90	203.80	1352	5047
28	204.50	*208.80*	204.50	208.80@.80B	208.00	1871	4921
29	210.20@.00	211.40	207.50	211.00@.40	211.20	2239	4993

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
2	211.20@.00	211.40	209.40	211.10@.00	211.10	1131	5148
3	210.60@.50	214.10	210.20	212.60@213.00	212.80	2138	5576
4	214.50@.80	217.30	214.50	215.40@.50	215.40	2684	5568
5	216.00@215.90	217.00	213.90	214.20@213.90	214.10	2088	5802
6	215.50@.20	#217.90	215.10	217.60@.90	217.70	1742	5775
9	216.50@.30	#219.80	215.60	219.80@.50	219.60	2034	5475
10	220.00@.10	#223.80	219.80	222.00@.20	222.10	2076	5608
11	223.00@222.70	#226.00	220.50	226.00@225.70	225.80	2605	5628
12	226.00@225.80	#230.20	225.50	229.80@230.20	230.00	3622	5243
13	230.30@.00	#230.30	225.20	226.00@225.50	225.80	2108	5052
16	222.50@.00	229.50	222.00	229.00@228.50	228.70	2203	5058
17	227.50	#231.90	226.50	228.00@227.00	227.50	2170	5169
18	226.50	229.80	226.50	227.20@.80	227.50	1563	5349
19	226.70@.60	227.50	223.60	224.80@.20	224.50	2046	5194
20	224.60	227.40	223.50	227.40@.00	227.20	1681	5115
23	224.50	226.50	224.30	225.80@.40	225.60	1321	5165
24	226.00@.20	*230.60*	225.60	230.60B	230.60	1838	5193
25	234.00	*#235.60*	233.30	235.60B	235.60	1897	5026
26	235.60@.10	#240.20	235.10	239.80@.50	239.60	2166	4652
27	240.50@.00	#244.00	238.80	244.00@243.50	243.70	1986	4305
30	Exchange Closed, Memorial Day						
31	242.50@.80	#248.50	240.20	248.10@.40	248.20	2534	4329

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	244.50@245.20	248.40	*243.20*	243.20A	243.20	2383	4339
2	244.00@.20	245.20	*238.20*	238.20@.20A	238.20	2568	4263
3	237.10@.10	240.80	236.20	237.70@.10	237.40	1980	4174
6	239.00@.20	*242.40*	239.00	242.40@.40B	242.40	997	3969
7	237.40@.40A	237.40	*237.40*	237.40A	237.40	271	3918
8	232.40@2.40A	232.40	*232.40*	232.40A	232.40	116	3901
9	227.40@.40A	232.70	*227.40*	227.50@.70	227.60	2471	3667
10	227.60	231.00	226.80	227.50@228.00	227.70	1412	3479
13	230.50	232.10	229.30	230.80@231.20	231.00	952	3540
14	230.00@.40	231.40	226.20	227.00@226.80	226.90	1249	3438
15	227.00@226.50	227.00	223.80	223.80@224.40	224.10	1244	3263
16	225.10	*229.10*	225.10	229.10B	229.10	876	3249
17	234.10@.10B	*234.10*	234.10	234.10	234.10	391	3224
20	236.00	237.70	229.10	230.30@.80	230.60	1054	3072
21	228.00	228.80	226.00	227.00@226.50	226.80	1352	2803
22	227.10@.00	227.50	*221.80*	221.80@.80A	221.80	1477	2705
23	221.00@220.50	221.00	217.00	218.70@.30	218.50	1797	2277
24	220.50@.60	*223.50*	220.20	222.50@223.00	222.70	1473	1992
27	222.70@.50	222.70	*217.70*	217.70A	217.70	834	1816
28	217.20	218.00	*212.70*	212.70	212.70	1241	1563
29	213.30	216.40	210.10	215.70@216.00	215.80	1102	1429
30	220.00@219.00	*220.80*	218.50	219.00@.20	219.10	727	1255

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1983 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliveries	Open Interest
1	219.50@.10	219.70	216.60	219.50@.00	219.20	311	....	1253
4	Exchange Closed, Independence Day							
5	216.80@.60	216.80	214.60	215.50@.10	215.30	246	....	1018
6	216.50	218.60	211.30	212.80@.50	212.70	573	....	815
7	210.50	211.00	*207.70*	207.70B	207.70	417	....	667
8	207.50	208.00	203.10	203.10@.20	203.20	302	....	469
11	204.00	207.50	203.90A	205.50B	205.50	156	....	378
12	205.00	205.00	202.90	202.90	202.90	136	....	266
13	203.00	203.70	201.00	202.60	202.60	99	....	195
14	202.70	204.30	*197.60*	197.60	197.60	97	....	138
15	195.00@194.60	195.00	*192.60*	192.60A	192.60	84	....	55
18	....	....	....	....	....	3	30	25
19	....	....	....	....	....	....	17	8
20	....	....	....	....	....	....	....	8
21	....	....	....	....	....	....	8	....

SEPTEMBER 1983 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	204.00	204.80	204.00	204.80@.10A	204.40	23	837
4	203.80@.50	#207.80	202.50	207.80@206.50	207.10	88	841
5	207.50	#210.50	206.60	210.00@.50	210.20	92	819
6	210.10	#212.50	209.30	212.00@.50	212.20	127	818
7	212.00	#214.00	211.10	214.00	214.00	96	818
10	213.50	#215.80	213.00A	215.80@.00	215.40	47	837
11	216.50	#216.50	214.00	215.00@.50	215.30	67	830
12	214.50	215.00	213.50	214.80@.90	214.90	53	845
13	215.30	215.30	214.30A	215.00	215.00	44	861
14	215.50	#217.40	215.50	217.40B	217.40	38	869
17	219.10	#221.00	218.30	220.30	220.30	72	860
18	219.00	219.10	217.30	219.10	219.10	80	862
19	217.70	218.30	215.90	217.00@216.50	216.80	120	876
20	217.00	219.00	216.70A	218.60@219.00	218.80	63	870
21	217.80	217.80	216.20A	216.90@217.20	217.10	70	864
24	216.00@215.00	216.00	213.00A	214.30@213.60A	214.00	157	870
25	214.60	215.80	214.20	214.50	214.50	38	870
26	213.90	213.90	212.30	212.30@.50	212.40	69	849
27	212.00@211.80	214.50	211.80	213.80@214.00	213.90	86	847
28	214.90@215.50	216.90	214.90	216.50@.00A	216.20	96	840
31	216.50	220.00	215.50	220.00	220.00	154	862

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	219.40@.00	220.60	*215.00*	215.00A	215.00	128	860
2	214.50@213.50	214.50	212.10	213.90@.60	213.80	74	859
3	214.00	214.20	212.50	212.90@.50	212.70	56	848
4	212.00@211.50	216.70	211.50	214.50@213.50	214.00	156	897
7	215.00	215.70	212.00	212.00@.70	212.40	77	920
8	213.00@.20	213.30	208.90	209.50@.00	209.30	134	976
9	208.50@.10	210.30	208.10	209.50@208.50	209.00	96	1010
10	209.70	212.00	209.70	212.00@211.00	211.50	83	1021
11	212.50@213.00	213.00	208.80	210.00@209.50	209.80	110	1050
14	209.50	210.70	208.30	209.00@.50	209.30	114	1063
15	210.00@.20	211.70	209.50	211.50@.70	211.60	113	1063
16	212.00@.30	212.30	210.40	212.00@211.50	211.70	78	1054
17	215.00@214.80	215.00	211.50	213.30@212.90	213.10	184	1075
18	213.80@214.20	215.00	213.50	215.00@214.30A	214.60	126	1132
21	Exchange Closed, President's Day						
22	215.00@214.50	215.00	212.10	212.50	212.50	144	1115
23	211.50@210.70	212.80	210.50	212.50@.80	212.60	139	1136
24	212.00@211.90	214.40	211.90	213.50@214.50	213.90	212	1178
25	215.00	216.00	212.50	213.00@.50	213.30	162	1169
28	211.00@210.50	211.00	*208.30*	209.80@.50	209.70	218	1169

RANDOM LENGTH LUMBER FUTURES

SEPTEMBER 1983 FUTURES CONTRACT
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	210.00@209.70	211.10B	209.20	209.80@210.00	209.90	208	1107
2	210.90	211.90	210.20	211.70@.30A	211.50	205	1093
3	212.00@.20	212.60	211.30	212.00@211.80	211.90	203	1018
4	212.30	212.40	209.90	210.50	210.50	117	1014
7	209.70@210.00	211.00	209.10	210.10	210.10	80	1019
8	207.50@.00	207.70	206.30	206.70@207.30	207.00	199	1048
9	206.50@.10	208.30	203.50	203.70@.50	203.60	238	1041
10	205.00@.20	205.80	204.00	204.50@205.00	204.70	159	1042
11	204.70	205.20	202.50	203.00@202.50	202.80	107	1037
14	203.50	205.90	203.10	205.10	205.10	137	1042
15	205.30@.10	206.50B	204.80	204.80	204.80	83	1033
16	205.60@.70	207.70	205.50	207.00@206.30A	206.60	198	1044
17	208.50	209.20	208.00	209.20@208.80	209.00	163	1083
18	210.80	211.80	210.20	211.00@210.80	210.90	105	1092
21	209.80	210.00	208.30	208.50@.70	208.60	104	1101
22	208.70	209.10B	208.00	208.50@.40	208.50	93	1092
23	208.50	210.70	208.30	210.50	210.50	42	1091
24	210.70	210.80	206.20	207.00@.20	207.10	108	1100
25	206.80	207.30	205.50	205.70@206.20	206.00	136	1106
28	206.20	207.00	205.70	206.00	206.00	40	1101
29	207.00	207.00	205.30	205.50	205.50	46	1094
30	205.20	205.90	204.60	205.80@.50	205.60	61	1090
31	206.00	206.70	205.80A	206.00	206.00	98	1068

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	205.50@.20	205.70	203.90	205.00@204.80	204.90	42	1006
5	206.00	206.40	204.00	204.00	204.00	179	1109
6	204.50	205.30	203.40	204.60@.70	204.60	61	1102
7	203.50	206.90	203.50	206.00A@205.50	205.70	148	1125
8	207.00	207.40	206.00	207.20	207.20	57	1136
11	207.90	209.90	207.90	209.80@.90	209.80	158	1212
12	210.10@.40	211.20	208.50	208.80B@209.50	209.20	235	1250
13	209.20@.40	*214.20*	209.20	213.00B@214.20B	213.60	371	1386
14	213.90	215.70	212.60	215.10@.50	215.30	423	1423
15	215.00	215.70	214.10	214.90	214.90	232	1414
18	215.00	218.50	214.00	217.70B@218.50	218.10	302	1451
19	216.90	216.90	213.30	213.70@.80	213.80	417	1449
20	213.50	214.50	211.30	214.00	214.00	292	1404
21	214.30	214.40	212.70	213.80@.90	213.40	170	1434
22	213.00	214.00	212.90	213.30A@212.90	213.10	102	1485
25	215.00	215.40	214.40	214.80@.70	214.70	244	1524
26	215.70	215.70	212.30	213.00@212.80	212.90	262	1575
27	213.50@.30	213.90	212.00	212.50@.60	212.60	278	1654
28	213.50	*217.60*	213.30	217.20@.40	217.30	424	1745
29	218.00	218.00	215.50	217.00@.50	217.30	491	1792

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
2	217.90	217.90	215.30	216.50@.60	216.60	286	1816
3	216.10	219.00	215.80	218.20@.80	218.50	583	2037
4	220.00	#222.70	219.60	220.60@221.00	220.80	623	1884
5	220.80	221.80	219.00	219.50@.00	219.30	325	1862
6	221.00	#224.20	221.00	223.80	223.80	405	1672
9	222.60	#225.70	221.60	225.10@224.50	224.80	507	1832
10	225.00	#226.70	224.00	224.00@225.00	224.50	578	1830
11	225.20@.30	#227.20	223.70	226.00@225.80	225.90	730	1900
12	224.50@.40	#229.00	224.40	229.00@228.70	228.80	1054	1986
13	228.70	228.90	224.30	225.00@.70	225.40	885	1918
16	222.00	227.70	221.80	227.70	227.70	573	1926
17	226.70	#230.10	225.00	227.50@.00	227.30	723	2086
18	226.30@.00	228.00	225.10	225.50@226.50	226.00	476	2063
19	225.00	225.80	222.00	222.40@.00	222.20	702	2102
20	222.50	223.70	220.60	223.70@.00	223.30	736	2223
23	221.30@.20	223.50	220.80	222.50@223.00	222.80	460	2179
24	223.50	*227.80*	222.80	227.80@.80B	227.80	734	2248
25	229.60	*#232.80*	229.50A	232.80@.20	232.50	1292	2351
26	232.00	#236.00	231.80	235.70@.30	235.50	1252	2531
27	235.80@.60	#237.50	234.20	237.30@236.50	236.90	1027	2366
30	Exchange Closed, Memorial Day						
31	235.50@.10	#240.40	232.50	237.60@.50	237.50	1472	2224

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	234.50	237.50	*232.50*	232.50@.50A	232.50	780	2181
2	233.50@.70	234.00	*227.50*	227.60@.50A	227.60	1066	2120
3	228.20@.80	232.20	227.60	231.40@230.80	231.10	804	2059
6	231.10	*236.10*	231.00	236.10@.10B	236.10	897	2178
7	231.10@.10A	231.10	*231.10*	231.10A	231.10	285	2194
8	226.10@.10A	226.10	*226.10*	226.10A	226.10	127	2186
9	222.00@221.80	227.70	221.80	222.50@.20	222.40	1545	2319
10	224.80	226.40	223.10	224.50@225.20	224.80	610	2304
13	228.20	229.00	226.40	228.40@227.80	228.10	654	2310
14	227.50	228.70	225.30	227.60B@228.20	227.90	852	2513
15	226.80	227.60	223.50	223.70@224.20	224.00	1070	2601
16	224.80@.90	*229.00*	224.70	229.00B	229.00	1165	2749
17	234.00	*234.00*	233.00	234.00B	234.00	832	2781
20	235.80@236.00	236.50	229.60	231.70@.50	231.60	1921	3071
21	230.50@.30	203.80	227.80	230.40@.10	230.30	1331	3119
22	230.80	231.30	226.30	226.30@.50	226.40	1289	3246
23	225.00@224.20	225.00	*221.40*	224.00@223.50	223.80	2574	3310
24	224.80@225.10	228.50	223.80	226.40@227.00	226.70	2013	3663
27	225.50	226.40	*221.70*	221.70A	221.70	1436	3676
28	220.00	221.50	*216.70*	216.70@.80	216.80	2880	3596
29	217.80	219.10	214.10	218.60@.00	218.30	2599	3589
30	221.00@.50	223.20	220.50	221.00@220.50	220.70	2034	3530
				IN JULY			
1	220.80@.70	221.50	219.00	221.00@.50	221.20	1319	3769
4	Exchange Closed, Independence Day						
5	217.20@216.70	217.70	*216.20*	216.20@.20A	216.20	1205	3731
6	217.00	218.30	212.10	213.50@.70	213.60	2159	3878
7	211.50@.60	212.30	209.60	210.80@.30	210.60	1861	4103
8	211.80@.60	211.90	207.50	209.50@208.80	209.20	2101	4292
11	211.00	214.00	210.20	213.00@.50	213.20	2103	4259
12	212.90@213.00	213.30	208.50	208.50@209.00	208.80	1775	4247
13	209.40@.20	211.70	207.20	209.00@.60	209.30	2155	4441
14	211.70	213.50	209.30	210.80@11.20	211.00	1680	4475
15	209.80@.60	211.90	207.80	210.50@211.00	210.80	1752	4519
18	209.50@.70	209.70	207.10	209.00@.50	209.30	1428	4454
19	209.60	211.90	207.60	208.20@.50	208.40	1823	4439
20	208.00@.40	209.60	203.50	205.70@206.20	206.00	2899	4488
21	206.90@.70	211.00	205.40	211.00B	211.00	2276	4414
22	212.60@.80	214.50	210.50	212.80@.50	212.60	2457	4468
25	211.40@.80	217.30	210.80	217.20@.30	217.20	1811	4323
26	216.90@.50	216.90	213.00	214.20@.50	214.40	1822	4376
27	212.00	213.00	*209.40*	209.40@.40A	209.40	1713	4359
28	207.00@206.60	208.40	*204.40*	205.00@204.60	204.80	2109	4220
29	203.80@.50	203.80	*199.80*	199.80A	199.80	1799	3862
				IN AUGUST			
1	198.00@197.70	198.00	*194.80A*	194.80A	194.80	883	3901
2	193.50@194.00	196.60	190.40	190.60@191.00	190.80	2207	3911
3	190.70@.50	191.90	186.60	189.80@190.30	190.10	2020	3905
4	189.00@188.89	191.10	*185.10*	185.10A	185.10	1909	3943
5	181.10	183.60	*180.10*	180.10A	180.10	1664	3854
8	176.60	177.50	*175.10*	175.10@.10A	175.10	657	3720
9	170.90@.50	178.90	170.50	171.10@.30	171.20	2877	3671
10	173.00@.20	173.50	168.60	171.20@170.80	171.00	1717	3610
11	173.00@.50	175.00	169.80	170.80@171.50	171.10	1748	3769
12	172.50	175.80	172.10	174.00A@173.00	173.50	1468	3644
15	176.50@177.00	178.20	176.20	177.80@178.10	177.90	1113	3582
16	177.60	177.60	*172.90*	172.90A	172.90	831	3579
17	171.50@.40	171.50	*167.90*	168.00@.40	168.20	1425	3342
18	167.30@.00	169.50	164.20	165.00@164.40	164.70	1201	3237
19	163.50@.00	164.70	*161.30	162.00@161.60	161.80	842	3043
22	165.40@.80	*166.80*	161.60	163.00@164.00	163.50	906	3058
23	168.50@.50B	*168.50*	165.80A	168.50B	168.50	734	2949
24	170.50	*173.50*	170.20	173.50B	173.50	683	2744
25	177.90	*178.50*	170.20	171.30@170.80	171.10	1365	2599
26	170.10	173.20	166.60	172.80	172.80	832	2268
29	170.60	172.20	168.80	170.20@169.90	170.10	404	2194
30	173.50@.00	173.50	168.20	171.00@170.30	170.60	542	2012
31	168.50	169.50	166.60	166.80@.60	166.70	531	1913

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1983 FUTURES CONTRACT IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliv-eries	Open Interest
1	167.00	167.50	163.20	165.00@164.00	164.50	277	....	1877
2	162.50	163.50	*160.00	160.00	160.00	498	....	1682
5	Exchange Closed, Labor Day							
6	162.50	162.50	*158.00	159.00@.30	159.20	404	....	1507
7	159.00	161.50	*157.20	158.30A@.50	153.40	419	....	1302
8	157.60	158.00	*154.00	154.00	154.00	400	....	993
9	154.00	154.80	*152.10	154.80	154.80	228	....	835
12	157.50	158.50	153.00	153.20	153.20	187	....	732
13	152.00	156.00	*149.40	153.00	153.00	464	....	496
14	151.50	154.10	*149.00	149.00@.50	149.30	264	....	360
15	146.50	150.00	*145.00	150.00@147.00	148.50	193	....	204
16	....	....	....	....	....	1	75	84
19	....	....	....	....	....	15	14	70
20	....	....	....	....	....	....	3	67
21	....	....	....	....	....	....	21	46
22	....	....	....	....	....	....	4	42
23	....	....	....	....	....	....	....	42
26	....	....	....	....	....	....	14	28
27	....	....	....	....	....	....	2	26
28	....	....	....	....	....	....	6	20
29	....	....	....	....	....	....	11	9
30	....	....	....	....	....	....	9	....

NOVEMBER 1983 FUTURES CONTRACT IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	206.00	206.00	205.50A	205.70A	205.70	2	307
4	205.50	#208.40B	204.00A	207.50	207.50	18	311
5	209.00	#210.80	208.10	210.80	210.80	66	335
6	210.70	#212.50	210.10	211.50@212.00	211.70	95	372
7	212.30	#214.00B	212.00	213.50	213.50	65	407
10	214.00@.30	#216.20	213.60	215.40B	215.40	69	438
11	216.50	#216.50	215.00	215.30	215.30	15	431
12	215.00	215.70	214.30	215.00A	215.00	64	444
13	216.20	216.30	215.30	215.30	215.30	32	448
14	217.50	#218.80	217.00	217.50A@.00	217.20	13	435
17	219.70	#221.60	219.70	221.00@220.50	220.70	51	454
18	219.90	220.20	219.20A	219.50@.30	219.40	28	458
19	219.00	219.20	216.50	217.00	217.00	41	485
20	217.90	219.40	217.90	218.20@219.40	218.80	31	492
21	217.10@216.80	217.80	216.60	217.70@.80	217.80	25	503
24	216.00@215.80	216.00	214.30	214.50	214.50	32	504
25	216.60	216.90	215.30A	216.90@215.30A	216.10	19	510
26	215.60	215.60	214.10	214.10@.20	214.20	66	499
27	213.90	216.50	213.90	215.50@.10	215.30	56	508
28	215.30	218.20B	215.30	217.10@216.50	216.80	27	512
31	219.00	200.60	217.40A	220.00A@.60	220.30	79	545
IN FEBRUARY							
1	220.30	#221.70	215.70	216.10@215.70	215.90	52	547
2	215.00@.50	216.20	214.00	216.20@215.60A	215.90	57	556
3	215.90	216.00B	214.70A	214.70A	214.70	28	543
4	414.10@.50	217.90	213.70	215.80	215.80	29	554
7	217.00@.50	217.50	214.00	214.00	214.00	59	560
8	215.00@.30	215.30	212.20	212.20	212.20	27	566
9	212.00	213.10B	212.00	212.50	212.50	18	570
10	212.50@.70	215.20	212.50	214.00@213.50	213.70	83	590
11	214.60@215.20	215.80	212.20	212.20@213.00	212.60	77	628
14	212.20	213.50	211.90A	212.00	212.00	75	641
15	212.80	213.70	211.50	213.00	213.00	54	651
16	213.70	213.90	212.60	213.00@212.80	212.90	68	660
17	215.00@.20	215.70	213.80	213.80	213.80	95	677
18	216.00	216.90	215.50	216.00@215.50	215.70	87	726
21	Exchange Closed, President's Day						
22	216.80	217.50	214.20	214.20	214.20	56	735
23	214.00	215.50	213.50	214.50	214.50	37	742
24	215.00@214.80	216.50	214.80	216.50	216.50	77	763
25	217.50	218.40	215.20	215.20@.50	215.40	87	805
28	214.20@213.60	214.20	*210.40*	211.40@.00	211.20	109	836

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1983 FUTURES CONTRACT
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	212.70	212.90	212.00A	212.20	212.20	55	834
2	213.40@.60	214.00	212.60	213.80B	213.80	71	823
3	214.50	214.50	213.70	214.10@.40	214.20	108	819
4	214.80@215.00	215.40	212.60	212.60	212.60	147	861
7	211.20	214.00	211.20	214.00	214.00	51	880
8	210.00@209.70	211.40B	209.60	210.50@.80	210.70	146	937
9	211.00	212.20	206.80	206.80@207.50B	207.20	200	1014
10	208.10	209.00	207.50	207.80@.50	207.60	170	1041
11	207.20@206.80	207.70	205.60	206.40@205.60	206.00	392	1191
14	206.60	209.00B	206.40	208.50@.00	208.20	127	1188
15	208.00	209.80	207.50	208.00@.60	208.30	107	1133
16	209.10@.30	210.60	209.00	209.50@210.00	209.70	143	1171
17	211.90	212.00	211.30	211.70	211.70	186	1225
18	212.40@.50	214.50B	212.40	213.00@.60	213.30	161	1188
21	213.40	213.40	211.10	211.10@.70	211.40	75	1176
22	211.20	212.50	210.80	211.00@.20	211.10	138	1154
23	211.00	213.30B	210.80	212.70	212.70	90	1171
24	213.10@.30	213.60	209.70	210.10@211.00	210.60	87	1203
25	210.10@.00	211.00	209.20	209.30	209.30	178	1237
28	210.30	210.90	209.60	209.60@210.00	209.80	68	1214
29	210.50@.70	210.80	208.90	209.00	209.00	126	1216
30	209.70@.50	209.70	208.60	209.00	209.00	47	1202
31	209.90	210.50	208.70	209.00@208.70	208.90	160	1185
				IN APRIL			
1	Exchange Closed, Good Friday						
4	208.80	209.20	207.80	207.80@208.00	207.90	54	1194
5	209.50	210.20	208.20	208.30@.50	208.40	148	1213
6	208.30	209.00	207.40	208.00	208.00	89	1223
7	208.70@.90	210.20	207.90A	209.50A@.10	209.30	273	1260
8	210.50@.90	210.90	209.50	210.50@.90	210.70	177	1262
11	212.20@.00	214.00	212.00	213.80@214.00	213.90	229	1315
12	215.00@214.00	215.00	212.20	212.20	212.20	162	1348
13	212.00	217.00	212.00	215.50@217.00	216.20	267	1370
14	217.00	218.60B	215.90	217.80@.60	217.70	260	1448
15	217.50	217.80	216.30A	216.50@217.00	216.80	130	1454
18	217.50@.40	219.60	216.30	219.00	219.00	159	1502
19	219.00@218.50	219.00	215.30	215.70@216.00	215.90	284	1586
20	216.00@.20	217.30	214.70	215.50@.20	215.40	154	1591
21	215.70	216.40	215.20	215.50@.30	215.40	61	1618
22	215.30@.10	216.10	215.10	215.70@.50	215.60	52	1618
25	216.70@.80	217.50	216.50	217.40	217.40	115	1620
26	217.30	217.30	214.80	214.80@215.00	214.90	109	1658
27	216.00@215.80	216.20B	214.50	214.50@215.20	214.90	163	1712
28	216.20	*219.90*	215.90	219.20@.00	219.10	301	1699
29	220.00@.20	220.20	217.90	219.00@.20	219.10	343	1713
				IN MAY			
2	219.20@.50	219.50	217.30	219.00@.20	219.10	131	1726
3	218.00	221.20	217.80	219.30@.80	219.40	391	1801
4	221.00	#224.40	221.00	223.30@222.90	223.10	675	1723
5	223.20	224.10	222.70	222.0	222.70	309	1811
6	224.00	#226.50	223.50	226.10@225.70	225.90	312	1752
9	225.00	#227.20	223.70	225.50@226.00	225.80	310	1761
10	226.00	227.10	225.00	225.20@.00	225.10	419	1791
11	225.40	226.30	224.00	224.10	224.10	445	1739
12	222.50@.00	225.00	222.00	222.50	222.50	1043	1658
13	222.70@223.00	223.50	219.90	221.50@220.00	220.80	704	1626
16	219.90	224.20	218.20	224.20@223.70	223.90	559	1723
17	223.40@.10	226.00	221.30	223.20@.00	223.10	431	1765
18	222.20	223.50B	221.40	222.00B@.20	222.10	189	1792
19	222.10	222.30	*217.10*	217.10@.10A	217.10	615	1750
20	217.00@216.80	218.00	214.70	216.00@.90	216.50	537	1766
23	214.60@.40	216.00	214.00	215.50@.20	215.40	335	1843
24	215.50@.60	*220.40*	215.00	220.40@.40B	220.40	291	1776
25	221.40	*225.40*	220.80	223.20@222.80	223.00	671	1817
26	223.00	225.20	222.30	224.30@.50	224.40	650	1912
27	224.50@.60	227.00	224.00	226.00@.10	226.00	704	1988
30	Exchange Closed, Memorial Day						
31	225.00@224.50	#229.90	222.60	227.00@226.50	226.70	720	2014

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1983 FUTURES CONTRACT
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	224.50	226.40	222.00	222.50@.30	222.40	547	1991
2	222.70@223.10	224.30	217.50	219.00	219.00	735	1975
3	219.10@.20	*224.00*	219.10	223.80@224.00	223.90	563	1943
6	224.20	228.80	224.20	227.70@228.00	227.80	610	2054
7	223.50@.10	223.50	*222.80*	222.80A	222.80	242	2043
8	218.30@.00	218.30	*217.80*	217.80A	217.80	206	2007
9	214.80@215.00	221.20	214.80	218.00@.80	218.40	900	2085
10	220.00	222.10	218.00	218.70@.90	218.80	342	2117
13	221.20	221.40	219.30	220.70	220.70	239	2115
14	219.90@.80	220.70	216.80	218.70B@219.30	219.00	396	2088
15	218.80	219.00	216.50	217.20@.10	217.20	360	2126
16	217.80	221.70	217.80	220.70	220.70	564	2220
17	224.50@.40	225.50	223.50	224.70@225.00	224.80	792	2283
20	223.80	227.00	223.00	224.20@225.00	224.60	905	2301
21	223.20	224.50	222.00	223.50	223.50	450	2217
22	223.70	224.00	221.50	221.50	221.50	469	2183
23	221.00	221.50	218.00	220.50@219.80	220.20	531	2225
24	221.00	223.70	219.70	220.50	220.50	552	2349
27	220.60	220.90	*215.50*	215.50	215.50	1162	2406
28	215.00	216.80	211.30	213.20@.00	213.10	1112	2514
29	212.00	216.20	211.70	215.00@214.50	214.70	922	2519
30	216.50	219.50	216.50	218.60@.00	218.30	488	2569
			IN JULY				
1	217.80	219.00	217.10	218.90@.70	218.80	227	2607
4	Exchange Closed, Independence Day						
5	213.80	215.30	*213.80*	213.80@.80A	213.80	434	2602
6	214.20	215.20	208.90	209.50@.90	209.70	888	2455
7	208.50@.20	208.50	*204.70*	205.00@.80	205.40	999	2376
8	206.20	206.20	203.00	203.80A@.10	203.50	731	2424
11	205.00@.50	208.20	205.00	207.70@.00	207.30	578	2483
12	206.90	208.00	204.00	204.20@.00	204.10	684	2536
13	204.10	206.60	203.00	205.30	205.30	350	2529
14	206.80	208.50	205.60	205.60@206.00	205.80	400	2551
15	205.50	206.80	203.70	206.70A@.10	206.40	360	2522
18	206.00@.20	207.00	204.90	205.80@206.50	206.20	464	2500
19	206.30@.50	209.00	205.60	206.00@205.60	205.80	535	2562
20	206.50	207.60	202.50	206.70@.30	206.50	1260	2704
21	208.00	*211.50*	206.40	211.50B	211.50	1046	2738
22	212.00@.20	214.50	210.20	211.20@212.00	211.60	1045	2732
25	210.80@.50	*216.60*	209.60	216.50@.60	216.50	1372	2720
26	215.80@.70	215.80	212.50	214.90@.50	214.70	1268	2797
27	213.00@212.80	213.60	210.10	210.40@.10	214.30	1015	2928
28	208.70@.80	210.00	205.50	206.50@.30	206.40	1663	2919
29	205.00@204.80	205.00	*201.40*	201.40@.40A	201.40	1570	2766
			IN AUGUST				
1	198.50	198.90	*196.40A*	196.40A	196.40	608	2642
2	195.00	198.00	193.10	193.10@.50	193.30	1226	2828
3	193.60@.50	194.90	190.10	194.30@.00	194.10	1540	3109
4	193.70@.80	195.00	*189.10*	189.10A	189.10	1198	3126
5	186.30@.00	187.90	*184.10*	184.10@.40	184.30	1169	3062
8	182.50@.30	182.50	*179.30*	179.30A	179.30	702	3162
9	176.00@.30	182.00	174.50	176.10@.50	176.30	2750	3301
10	178.20	180.80	175.50	178.50@179.00	178.70	1811	3327
11	180.80@.50	182.80	179.00	180.50@179.70	180.10	1309	3364
12	182.00	*185.10*	182.00	185.10@.10B	185.10	1554	3291
15	188.10	*190.10*	187.80	189.90@190.10	190.00	1807	3552
16	190.50	190.50	*185.00*	185.00A	185.00	1402	3523
17	182.50	183.30	*180.00*	180.00@.20	180.10	1908	3611
18	179.50@180.00	182.10	177.00	178.70@179.10	178.90	2176	3942
19	176.00	177.90	175.30	175.30@176.00	175.70	1689	3861
22	180.50@.20	*180.70*	177.30	178.70@.30	178.50	1291	4169
23	183.50@.50B	*183.50*	181.20	183.50B	183.50	1584	4295
24	185.00@.50	*188.50*	184.90	188.50@.10	188.30	1851	4249
25	189.70@.90	191.80	*183.30*	183.30@.30A	183.30	2806	4253
26	180.50	183.30	178.50	183.00@182.40	182.70	1730	4057
29	179.50	180.80	178.50	178.70@.50	178.60	1227	4178
30	179.50@.20	179.80	176.60	177.80@178.40	178.10	1345	4503
31	175.80@.50	177.80	174.20	175.70@.10	175.40	1657	4727

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1983 FUTURES CONTRACT IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	176.30@.50	177.50	173.50	174.60@.80	174.70	1927	4879
2	173.80@.70	174.20	172.20	172.30@.20	172.30	1150	4779
5	Exchange Closed, Labor Day						
6	175.50@.30	176.20	173.50	174.80@175.30	175.00	1696	5045
7	175.20@.40	176.40	173.20	174.10@.40	174.30	1656	5104
8	173.50	173.90	170.20	170.20@.50	170.40	1933	5036
9	170.00	171.80	*168.00	170.10@.50	170.30	1961	5276
12	174.80@.50	175.10	170.20	170.70@.50	170.60	2461	5427
13	169.00@168.60	169.30	*166.10	166.50@.80	166.70	2365	5593
14	164.20	166.50	*163.00	163.50@.00	163.30	1982	5465
15	161.50@162.00	163.80	*161.10	162.50@.80	162.70	2057	5525
16	163.80@164.00	_167.70_	163.50	176.70B@.70	167.70	2083	5580
19	169.00@.20	169.70	165.30	168.00@167.50	167.70	2061	5676
20	170.70@.30	171.00	164.60	164.60@165.00	164.80	2522	5626
21	166.50@.30	_169.80_	166.20	169.80B	169.80	2049	5655
22	172.00@.80	_174.80_	170.50	174.80@.80B	174.80	2645	5523
23	176.80@.60	177.40	173.20	176.00@175.80	175.90	2772	5334
26	176.70@.80	177.50	173.40	174.00@173.80	173.90	1590	5401
27	172.00	172.50	169.30	170.30@169.80	170.10	1954	5249
28	170.00	_175.10_	169.80	175.10B	175.10	2286	5182
29	174.00	177.80	174.00	177.50@176.50	177.00	2321	5107
30	181.00@.90	_182.00_	179.90	182.00B	182.00	1850	4506

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	184.00@.50	185.80	_177.00A_	177.00@.00A	177.00	2843	4336
4	177.00@176.80	181.50	176.80	179.80@.50	179.60	1657	4182
5	181.30@.00	181.30	174.60	175.50@.20	175.40	2224	4142
6	177.50	179.90	176.00	178.70@179.00	178.80	2122	4239
7	183.80@182.50	_183.80_	180.10	183.30@.50	183.40	2467	4146
10	180.80@181.00	181.20	178.60	178.70@179.20	179.00	1199	4131
11	176.50	181.00	176.50	180.50@181.00	180.70	1575	3897
12	179.50	181.80	178.60	180.50@181.00	180.70	959	3791
13	181.00	183.30	180.40	182.60@.80	182.70	1285	3713
14	181.50	181.80	179.50	180.00@179.50	179.80	885	3680
17	178.60	178.90	175.00	176.50@.00	176.30	1150	3689
18	175.80	176.00	171.50	171.50@172.00	171.80	1589	3501
19	171.10	171.80	167.50	167.50@168.50	168.00	1528	3133
20	168.00	_173.00_	168.00	173.00B	173.00	1936	2864
21	174.00@.50	174.60	171.00	172.60@173.20	172.90	959	2700
24	177.00@.90	177.90	172.80	174.00@173.50	173.70	1054	2573
25	174.00	174.00	_168.70_	168.70A	168.70	951	2478
26	167.00	167.50	163.80	164.30@.10	164.20	852	2313
27	162.00@161.00	162.20	*_159.20_	159.20	159.20	1143	2105
28	159.70@.90	161.00	*157.50	158.50@.20	158.40	966	1958
31	158.40	160.00	*155.20	155.70@.50	155.60	703	1819

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Deliv-eries	Open Interest
1	156.00	_160.00_	156.00	159.60@160.00	159.80	867	....	1659
2	159.00	160.40	157.20	157.50@.20	157.40	443	....	1652
3	158.80@.90	_162.40_	158.80	162.40B	162.40	605	....	1379
4	164.70	165.60	162.00	165.60@.00	165.30	347	....	1233
7	163.00	168.80	163.00	167.50@.00	167.20	380	....	1041
8	167.00	167.50	165.00	166.00	166.00	309	....	883
9	164.00@163.00	165.80	163.00	164.80@165.00	164.90	126	....	750
10	166.00	_169.90_	166.00	169.90	169.90	281	....	535
11	170.40@.90	170.90	165.50	166.00	166.00	155	....	437
14	162.10@.00	162.10	_161.00_	161.00A	161.00	126	....	364
15	156.00@.00A	157.00B	_156.00A_	156.00A	156.00	383	....	109
16	....	....	....	....	....	12	69	45
17	....	....	....	....	....	20	28	18
18	....	....	....	....	....	....	1	16
21	....	....	....	....	....	....	....	16
22	....	....	....	....	....	....	....	16
23	....	....	....	....	....	....	16	....

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	211.00	211.00	210.50A	210.50A	210.50	1	81
4	....	#212.40B	209.00A	212.40B	212.40	....	81
5	....	#216.00B	....	216.00B	216.00	....	81
6	217.00	#217.50	216.50	216.50@217.50	217.00	9	80
7	217.50@.60	#219.00B	217.50	218.00	218.00	12	81
10	220.00	#220.00	220.00	220.00	220.00	4	85
11	222.00	#222.10B	220.50	220.50@222.00B	221.20	8	90
12	....	....	221.00A	221.00A	221.00	....	90
13	221.60	221.60	221.00	221.00	221.00	16	89
14	225.00	#225.00	222.50	222.50	222.50	6	93
17	227.00	*#227.50B*	225.90	225.90	225.90	4	97
18	225.00@224.30	225.80	224.30	225.00	225.00	22	111
19	224.50	224.50	222.50A	223.00	223.00	4	114
20	224.00	224.50	224.00	224.00@.50B	224.20	4	118
21	223.00	224.00	223.00	223.00@224.00	223.50	23	126
24	219.80	221.50	219.80	220.60@221.50	221.10	11	126
25	223.00	223.30	222.60	223.30@222.60A	222.90	11	133
26	222.00	223.20	221.40	221.80@.40	221.60	37	147
27	221.30	223.30	221.30	222.00	222.00	4	144
28	225.50	225.50	224.00	225.00@224.00	224.50	22	155
31	225.40	226.60B	225.00	225.00@226.00	225.50	13	159
			IN FEBRUARY				
1	226.80	#228.00	221.60A	221.80@.60A	221.70	19	158
2	221.00	222.00	221.00	221.70@222.00B	221.80	20	174
3	221.80	222.00B	220.60	220.60	220.60	14	179
4	219.70	224.00B	219.70	222.00	222.00	4	182
7	223.30	223.30	219.80	219.80	219.80	6	185
8	220.10	220.50B	218.00	218.00	218.00	17	196
9	219.00	219.50B	218.10A	218.10A	218.10	1	196
10	219.50	221.00B	219.50	219.50	219.50	11	197
11	221.00	221.50B	217.50A	219.00@.50	219.30	13	201
14	219.50@.10	219.90	218.30A	219.10	219.10	9	206
15	219.50	220.40B	219.00A	220.20@.40B	220.30	4	206
16	220.00	220.80B	219.20	219.50	219.50	14	215
17	220.40	221.70B	220.00	220.00	220.00	6	216
18	221.80	222.60	221.80	222.50	222.50	14	224
21	Exchange Closed, President's Day						
22	221.50	223.50B	220.50A	220.50A	220.50	14	226
23	221.50	221.80	220.20A	221.20@220.80A	221.00	13	232
24	221.50	222.30	221.40	222.00	222.00	27	244
25	223.30	224.10B	220.30	220.70@.30	220.50	20	252
28	217.20	218.00B	216.80	216.80@217.00	216.90	15	266
			IN MARCH				
1	218.70	219.10B	217.50	218.00	218.00	22	278
2	218.50	220.50	218.50	220.50	220.50	8	281
3	221.00	221.00	220.00	220.00	220.00	18	293
4	220.00	220.40B	218.30	219.00@.50	219.30	20	306
7	218.40	219.50B	218.40	219.50B	219.50	7	303
8	215.50	217.80B	215.50	216.60@217.00	216.80	22	315
9	219.00	219.30B	214.50	214.50@215.00B	214.80	15	307
10	215.50	216.00B	215.50	215.80	215.80	7	310
11	215.00	215.00	212.50	212.50	212.50	14	313
14	213.80	215.20B	213.80	214.00	214.00	32	326
15	214.90	216.00	214.00	214.00@215.00	214.50	46	342
16	217.40	217.80B	216.50	216.50	216.50	4	344
17	218.00	219.10B	218.00	219.00A@218.50	218.70	31	355
18	220.00	220.80B	220.00	220.80B	220.80	22	360
21	219.20	219.80B	218.70	218.70	218.70	4	360
22	219.00	219.50B	218.70	218.70	218.70	5	363
23	218.60	221.20	218.60	220.50@221.00	220.70	13	370
24	220.50	221.00B	217.50	217.50	217.50	13	374
25	217.00	217.80B	217.00	217.00@.30B	217.20	43	398
28	217.50	218.20B	217.00A	217.70A	217.70	26	392
29	218.20	218.50	216.50	216.50@.80	216.70	116	413
30	216.70	216.90	215.90A	216.00@.50	216.30	46	415
31	217.00@.00	217.30B	216.00	216.50@.00	216.30	26	422

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	215.50	216.00B	215.00	215.00@.30	215.20	25	417
5	216.50	216.80	216.00A	216.00A	216.00	17	417
6	215.50	215.70B	215.00	215.00@.70B	215.40	15	403
7	215.30	217.00	215.20	216.50@.80B	216.60	60	413
8	216.50	217.80	216.20	217.80	217.80	10	413
11	219.00	220.80	219.00	220.60@.80B	220.70	30	417
12	221.50@222.00	222.00	219.80	220.00@219.80A	219.90	38	423
13	220.50	223.50	220.50	223.00@.50	223.20	15	424
14	224.00@.20	224.90B	222.60	224.90B	224.90	55	436
15	224.00	225.00	223.50A	225.00	225.00	31	444
18	225.00	228.00	224.00	228.00@227.80A	227.90	98	485
19	226.00	226.60B	223.60A	224.80B	224.80	33	488
20	225.00@.20	225.50	222.50A	224.00	224.00	53	498
21	224.50	224.90B	223.80A	224.50	224.50	10	512
22	224.50	224.50	223.50	223.50@224.00B	223.80	13	520
25	224.90	226.00	224.50A	226.00	226.00	34	548
26	224.50	225.20B	222.80	223.50	223.50	24	556
27	223.80	224.30B	223.00	223.00@.50	223.30	11	570
28	224.50	*#228.30B*	224.20A	227.40@.80	227.60	24	579
29	227.00	227.40	226.50	227.00	227.00	74	608
				IN MAY			
2	227.10	227.10	226.00A	226.50A	226.60	18	615
3	225.50	228.80	225.50	227.00A	227.00	19	611
4	228.20	#230.00	228.20	229.40	229.40	85	623
5	230.00	#230.50	229.20A	229.20A	229.20	61	613
6	229.50	#233.00	229.50	233.00	233.00	58	577
9	232.00	#233.50B	231.50A	233.50B	233.50	26	594
10	234.00	#234.00	232.10	232.50@.20	232.40	109	584
11	231.50	233.00B	230.60	230.60	230.60	60	564
12	230.20	232.00B	*225.60*	225.60A	225.60	511	476
13	226.00	226.80	223.50	226.50	226.50	135	489
16	225.00	230.50	224.30	230.00@.50	230.20	60	472
17	229.50	230.90	226.20	227.30@228.50	227.90	136	481
18	227.00	229.00B	225.40A	226.00	226.00	66	479
19	225.00	225.50B	*221.00*	221.10@.00	221.10	149	488
20	221.60	221.60	216.60	218.20@.50	218.40	269	456
23	216.60	219.70	215.50	219.00@.70	219.30	96	442
24	219.30	*224.30*	219.00A	224.30B	224.30	66	379
25	225.00	*229.30*	224.30	226.00@.80	226.40	149	385
26	225.80	228.00	224.50	227.50	227.50	127	343
27	227.40	229.50	226.50	228.50@229.00	228.70	88	303
30	Exchange Closed, Memorial Day						
31	227.30	231.00	224.70	228.50B	228.50	116	302
				IN JUNE			
1	227.00	227.50	*233.50*	225.50@224.50	225.00	134	319
2	226.40	227.40	220.40	225.80@.10	225.40	79	308
3	224.50	229.80	224.50	229.80@.50	229.60	176	339
6	229.80	234.00	229.40	231.50@.20	231.30	211	393
7	227.40@.00	227.80	*226.30*	226.30A	226.30	218	391
8	223.00@.20	223.20	*221.30*	221.30A	221.30	130	386
9	218.30	225.80	218.30	224.00	224.00	228	435
10	224.30	225.80	223.40	225.50@224.80A	225.10	60	440
13	226.50@.80	227.50B	225.00A	227.50B	227.50	48	451
14	226.00	226.80B	222.80A	224.00B@226.00	225.00	79	457
15	224.00@.50	225.90	223.50	224.00@.50	224.30	79	445
16	225.00	227.30	224.30A	227.30@226.50	226.90	77	443
17	229.00@230.00	230.40	228.50	228.80	228.80	85	476
20	227.90	230.90	226.70	229.80@.30	229.50	215	461
21	227.70	228.70	226.70	228.70@.00	228.40	83	461
22	229.00	229.30	225.80	226.50@.00	226.30	54	466
23	225.80	226.00	222.50	226.00@225.50	225.80	110	499
24	225.50@.30	227.20B	224.00	225.90	225.90	120	501
27	224.50@.30	224.50	*220.90*	220.90@.90A	220.90	145	481
28	220.00	221.50B	216.50	218.20A	218.20	164	441
29	218.50	221.20	216.00	221.00@220.50A	220.70	131	443
30	222.00	224.40	221.20	221.20@.50	221.30	63	473

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	220.80	223.00	220.20	222.40@223.00	222.70	52	500
4	Exchange Closed, Independence Day						
5	219.00	219.30	*217.70*	218.30	218.30	50	486
6	219.00	219.50	213.70A	215.50B@213.70A	214.60	81	523
7	212.50	213.20	*209.60*	210.00@.30	210.20	150	595
8	210.50	210.70B	208.50	210.00@209.10	209.60	158	624
11	210.80	213.00	210.80	212.00@.50	212.20	162	673
12	212.50	213.00	*207.20*	208.90@207.20	208.10	179	683
13	208.50@209.00	210.50B	207.50	208.70@209.20	208.90	145	709
14	210.60@.70	211.80	207.50	207.50@209.00	208.30	173	770
15	207.60	209.60	206.50	209.10@208.80	208.90	123	778
18	209.50@210.00	210.50	209.00	210.10@.30	210.20	252	823
19	210.40	211.70B	209.00	211.50@.00	211.20	130	841
20	211.50@.30	212.50	209.50	211.00@210.70	210.90	326	876
21	211.80	*215.90*	211.10	215.90@.90B	215.90	257	869
22	216.00	218.50	215.10	216.40@.00	216.20	229	884
25	215.50	220.80	214.60	220.80@.00	220.40	175	825
26	219.80@.30	219.80	215.90A	218.50@217.00	217.80	193	895
27	216.50	217.20	213.10	213.50@.10	213.30	238	829
28	211.00	212.80	208.50	209.70@208.80	209.30	283	936
29	206.20	207.30	*204.30*	204.50@.30	204.40	275	914
				IN AUGUST			
1	203.50	203.50	*199.40A*	199.40A	199.40	165	913
2	199.40	201.50	197.00	198.20@197.00	197.60	329	984
3	197.80	200.50B	195.00	198.50@199.00	198.70	321	979
4	199.50	200.40	*193.70*	193.70@.70A	193.70	260	1041
5	192.00	192.90	189.20	191.00@190.20	190.60	237	1074
8	187.70	188.00	*185.60*	185.60@.60A	185.60	219	1107
9	184.00	189.00	181.70	185.00@184.50	184.80	678	1144
10	185.80	188.80	184.50	187.00@188.50	187.70	364	1122
11	190.40	192.00	187.80	189.00@.50	189.20	394	1051
12	190.00	*194.20*	190.00	194.20@.20B	194.20	276	1094
15	198.40	*199.20*	198.00	199.20B	199.20	244	1101
16	199.50@.20	200.20	*194.20*	194.20A	194.20	320	1107
17	192.50	193.00	*189.20*	190.40@.30	190.40	465	1124
18	190.40	193.00	188.00	189.50@190.50	190.00	304	1191
19	188.50	189.00	187.00	187.00	187.00	287	1213
22	192.00@.00B	*192.00*	189.00	191.00	191.00	269	1213
23	194.30@.70	*196.00*	193.00	196.00B	196.00	525	1268
24	196.20	*201.00*	196.00	199.90@200.20	200.00	681	1333
25	200.50@.30	202.80	*195.00*	195.00A	195.00	717	1276
26	191.50	194.00	190.60	193.90@194.00	194.00	392	1398
29	190.50	192.30	189.60	189.60@190.30	190.00	243	1378
30	191.50	191.50	188.10	189.50@.30	189.40	459	1292
31	187.50@.00	188.50	185.90	186.50@187.00	186.80	364	1242
				IN SEPTEMBER			
1	188.00	188.50	185.70	187.00@186.60	186.80	307	1197
2	186.50	186.60	184.30	184.30@.50	184.40	209	1174
5	Exchange Closed, Labor Day						
6	188.00	188.70	186.40	188.00@.50	188.20	210	1175
7	189.00	189.30	186.50	187.90@.50	187.70	245	1199
8	187.70	187.70	184.30	184.50@.30	184.30	336	1252
9	183.70	184.50	181.70	184.00@.20	184.10	602	1378
12	188.90	188.90	184.80	185.30@.00	185.10	608	1524
13	183.80	183.80	180.60	180.60@181.00	180.80	1009	1780
14	178.50	179.80	*176.20	176.20@.30	176.30	622	1715
15	175.70@.50	176.30	*172.30	173.70@174.20	174.00	703	1714
16	175.00@.20	*179.00*	175.00	179.00@.00B	179.00	580	1756
19	181.40	182.00	178.30	181.50@.20	181.30	667	1854
20	184.80@.50	185.10	178.80	179.00@.40	179.20	922	1968
21	181.00@.30	*184.20*	181.00	184.20@.20B	184.20	1002	2031
22	185.20@.30	*189.20*	183.80	189.20@.20B	189.20	1289	1945
23	190.50	191.30	186.80	190.70@.20	197.40	1097	2013
26	191.00@190.70	192.00	187.70	189.00@.20	189.10	752	2017
27	186.00	186.80	184.30	185.70@186.30	186.00	977	1982
28	185.40	*191.00*	185.30	190.60@191.00	190.80	1679	2133
29	189.00@188.80	191.50	188.20	189.50	189.50	973	2086
30	193.00@.30	*194.50*	191.80	194.50@.50B	194.50	1285	2292

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1984 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	197.00	197.00	_189.50_	189.50@.50A	189.50	1721	2224
4	189.50	193.00	189.00	191.30@.50	191.40	1199	2218
5	192.80@.60	192.90	186.40	188.00@.50	188.30	1623	2277
6	190.00@.30	193.00	189.20	192.20@.40	192.30	1299	2365
7	194.00@193.80	197.20	191.50	195.00@194.10	194.50	1980	2428
10	192.80@.90	193.80	191.20	191.80@192.50	192.20	935	2450
11	191.00	194.50	190.50	194.50@.20	194.30	1083	2384
12	193.80@194.20	195.40	192.30	194.90@.50	194.70	697	2380
13	195.20	196.40	193.30	195.20@.50	195.30	957	2438
14	194.50@.30	194.50	191.50	192.50@193.30	192.90	846	2358
17	191.90@192.20	192.50	189.60	192.00@191.50	191.80	1155	2443
18	191.00@190.60	191.00	187.20	187.30@.50	187.40	1288	2374
19	186.40@.60	187.00	182.60	182.60@.90	182.80	1459	2116
20	182.20	_187.80_	182.20	187.80@.80B	187.80	1694	2111
21	187.50	187.80	184.70	185.80@.20	185.50	1035	2131
24	188.00@187.80	188.50	183.10	184.30@.10	184.20	1154	2173
25	183.70@.50	185.00	_179.20_	179.20A	179.20	2048	2246
26	178.00	178.90	175.50	176.50@.00	176.30	1759	2202
27	174.30@.50	176.10	173.40	173.40@.60	173.50	1789	2557
28	174.30@.50	176.10	174.00	175.00@174.60	174.80	1335	2847
31	175.20@174.80	176.00	*172.00	172.30@173.00	172.70	1381	2789
			IN NOVEMBER				
1	173.70@.50	177.60	173.50	176.60@177.00	176.80	1868	3031
2	176.80@.60	177.40	174.60	175.20@.50	175.40	1522	3273
3	176.40@.20	_180.40_	176.00	180.40@.40B	180.40	2218	3044
4	181.50@.30	181.50	178.30	179.10@178.70	178.90	1599	3040
7	178.00@177.60	180.90	177.40	179.00@178.00	178.50	1335	3077
8	179.20@.40	179.70	177.30	178.50@.70	178.60	1111	3170
9	177.80@.60	180.30	177.60	180.20@179.80	180.00	1058	3202
10	182.30@.50	184.80	181.60	183.80@.90	183.80	1609	3165
11	183.50	185.30	181.30	181.80@.50	181.70	1339	3294
14	176.70@.70A	176.70	_176.70_	176.70A	176.70	503	3459
15	173.00@172.70	174.80	172.50	172.80@173.00	172.90	2073	3587
16	173.00	175.50	*170.50	174.20@173.10	173.60	2259	3640
17	172.80	177.10	172.30	177.10@176.50	176.80	1634	3498
18	177.00	177.90	175.50	176.80@.50	176.70	1241	3589
21	176.70	178.70	176.70	178.40@.10A	178.20	699	3469
22	178.70@179.50	179.50	177.10	177.20@.70	177.50	971	3412
23	177.60@.50	179.30	175.60	179.20@.30	179.20	920	3438
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	181.50@.00	181.50	177.20	177.30@.70	177.50	1306	3548
29	177.80	180.70	177.50	179.20@.80	179.50	1513	3546
30	182.00	183.90	181.00	181.80@182.50	182.10	1404	3391
			IN DECEMBER				
1	182.10	183.30	181.20	183.30@182.80	183.00	899	3481
2	184.00	184.70	182.00	183.00@182.70	182.90	1143	3389
5	181.00	181.50	178.50	180.00@179.80	179.90	1126	3308
6	180.00@179.90	180.40	175.60	175.60	175.60	1615	3048
7	175.10@.30	177.80	175.00	176.50@.00	176.20	1098	2893
8	175.60	178.50	174.90	178.00@.50	178.20	969	2762
9	178.20	179.20	177.60	178.70@.50	178.60	647	2700
12	179.00@178.80	180.70	177.00	177.50@.00	177.30	865	2581
13	176.10	176.70	174.10	174.30@.10	174.20	1016	2466
14	175.00	175.90	174.50	174.70@.90	174.80	574	2540
15	174.80	175.40	171.00	171.10	171.10	1039	2606
16	171.10	173.80	*170.30	172.20@173.80	173.00	1160	2648
19	172.50@.00	174.50	172.00	172.50@.30	172.40	588	2604
20	172.00@171.80	172.90	*_167.40_	167.40	167.40	1287	2401
21	167.40@.30	168.80	*165.20	166.00@165.20	165.60	1077	2430
22	167.00	167.30	165.50	165.50@166.00	165.70	808	2558
23	166.50	169.00	*165.10	168.80@169.00	168.90	573	2390
26	Exchange Closed, Christmas						
27	168.50	170.90	168.30	170.50@169.70	170.10	534	2293
28	170.10	170.10	165.50	165.70	165.70	671	1980
29	165.70	167.00	*164.20	164.50@.20	164.40	611	1844
30	165.50	166.50	*164.10	165.00	165.00	471	1746

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	....	216.00B	....	215.50B	215.50	....	14
4	....	#218.00B	214.00A	218.00B	218.00	....	14
5	....	#221.00B	....	221.00B	221.00	....	14
6	222.00	#222.50B	222.00	222.00	222.00	1	15
7	....	#224.00B	....	223.50B	223.50	....	15
10	225.50	#225.50	224.00A	224.00A	224.00	1	16
11	226.50	#226.50	225.50A	225.50A	225.50	1	17
12	227.00	#227.00	225.00A	225.00A	225.00	2	18
13	225.70	225.80	225.00A	225.00A	225.00	6	17
14	....	#229.00B	....	227.00B	227.00	....	17
17	232.00	#*232.00*	231.00A	231.00A	231.00	1	18
18	....	....	229.50A	230.50A	230.50	....	18
19	....	....	228.00A	228.00A	228.00	....	18
20	229.50	229.50	229.00A	229.00@.50	229.20	5	22
21	228.00	228.00	227.80A	228.00	228.00	2	21
24	228.00	228.00	225.30	225.50A	225.50	6	22
25	229.10@.20	229.50B	227.10A	227.10A	227.10	12	30
26	228.20	228.50B	227.10A	227.10A	227.10	4	34
27	228.60	229.00B	228.60	228.60A	228.60	12	33
28	....	231.50B	....	230.50B	230.50	....	33
31	....	#233.00B	....	233.00B	233.00	....	33
			IN FEBRUARY				
1	232.00	#234.00B	*228.00A*	228.00A	228.00	1	34
2	....	228.80B	....	228.50B	228.50	....	34
3	228.50	228.50	228.50	228.50	228.50	4	38
4	....	230.50B	....	228.50N	228.50	....	38
7	....	229.00B	226.00A	226.00A	226.00	....	38
8	225.50	227.00	224.50A	224.50A	224.50	6	43
9	....	226.00B	....	225.10B	225.10	....	43
10	226.20	227.80	226.20	226.90A	226.90	6	45
11	227.50	228.50B	225.00A	225.00A	225.00	4	45
14	225.50@.70	226.90	225.50	225.50A	225.50	11	53
15	226.00	226.10B	225.90A	226.00	226.00	3	55
16	226.50	227.40	226.50	227.20	227.20	12	65
17	227.40	228.70B	227.40	228.70B	228.70	1	65
18	230.00	230.60	230.00	230.00A	230.00	7	70
21	Exchange Closed, President's Day						
22	230.50@.60	231.00B	227.80A	227.80A	227.80	8	70
23	228.00	229.80B	227.50A	228.60A	228.60	4	72
24	228.80	228.90	228.60	228.80	228.80	18	77
25	231.30	231.30	228.20A	228.20A	228.20	7	82
28	226.50	226.50	225.50	225.50	225.50	8	85
			IN MARCH				
1	....	227.00B	....	226.80B	226.80	....	85
2	225.80	229.10B	225.80	228.60A	228.60	20	97
3	229.20	229.40B	228.60	228.60	228.60	4	101
4	225.70	225.70	225.70	225.70	225.70	3	102
7	224.50	226.00B	224.50	226.00	226.00	14	99
8	224.50	224.80B	224.20	224.20	224.20	4	101
9	226.50	227.30B	222.60	222.60	222.60	12	104
10	224.60	225.00B	222.60	223.30	223.30	36	126
11	222.50	222.50	220.60	220.60	220.60	19	139
14	223.50	223.80B	223.00	223.00	223.00	5	140
15	223.50	224.80	222.50A	223.30A	223.30	15	146
16	225.80	226.00B	223.50A	223.50A	223.50	1	146
17	225.00	225.70B	224.50A	225.10	225.10	6	149
18	225.00	227.20	225.00	227.20	227.20	18	155
21	....	....	225.00A	225.30A	225.30	2	157
22	225.50	226.10B	225.00A	225.30@.00A	225.20	2	157
23	228.00	228.20B	227.00A	227.00A	227.00	1	160
24	....	227.90B	224.00A	224.80A	224.80	....	157
25	225.00	225.30	224.00A	224.00A	224.00	6	159
28	225.00	225.50B	223.80A	224.00A	224.00	5	159
29	224.00	225.60B	223.30A	223.30A	223.30	4	159
30	223.30@.50	224.10B	222.70A	223.20	223.20	14	167
31	224.00	225.10B	223.00A	223.00A	223.00	3	169

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	222.00	223.30B	221.90A	222.20B	222.20	11	166
5	223.50	223.90	222.50A	222.50A	222.50	3	177
6	222.50	223.00B	221.50	221.50@223.00	222.30	7	165
7	222.30	223.80B	222.30	223.80B	223.80	12	159
8	224.80	224.80	224.10A	224.80	224.80	2	160
11	228.00	228.00	227.00A	227.50A	227.50	8	156
12	229.40	229.40	226.50A	226.50A	226.50	9	152
13	228.00@.20	229.00	227.70A	228.50B@229.00	228.70	9	157
14	229.00	231.80B	229.00	230.90B	230.90	9	160
15	230.00	230.90	229.00A	230.00A	230.00	15	164
18	230.20	232.00	229.80A	231.50@.20A	231.30	15	175
19	232.00	232.00	229.60A	229.80A	229.80	6	181
20	229.60	231.10B	228.50A	230.00@229.60A	229.80	31	210
21	229.70	230.50B	229.50A	230.50B	230.50	3	215
22	231.80@.90	231.90	229.50A	230.50@229.50A	230.00	16	226
25	230.50	231.50B	230.50	231.30A	231.30	17	235
26	231.00	231.30B	229.20	229.20	229.20	26	254
27	229.80	230.50B	229.60A	230.00@229.60A	229.80	7	261
28	230.50	233.90	230.50	233.00B	233.00	5	264
29	234.00	#234.20	232.00A	233.20B	233.20	6	266
IN MAY							
2	234.00	234.00	232.00A	233.20	233.20	5	269
3	234.90	#235.30	233.00A	233.60	233.60	8	270
4	235.50	#238.20B	235.30A	236.50	236.50	54	276
5	237.80	237.80	236.30	236.30	236.30	26	275
6	236.00	#240.50	236.00	240.10A	240.10	21	286
9	239.00	240.20	238.50	239.60A	239.60	22	287
10	239.50	239.50	238.00A	238.50@.00	238.30	37	312
11	237.50	238.50	235.50A	235.50A	235.50	26	323
12	235.00@232.50	235.00	*230.50*	230.50	230.50	309	271
13	229.90	233.00	228.80	231.50@230.50	231.00	90	257
16	230.00	234.50	229.00	233.00A	233.00	39	241
17	233.00	235.80	230.00A	230.50	230.50	60	248
18	230.50	231.50	228.20A	228.20A	228.20	10	249
19	228.30	228.30	*223.20*	223.20A	223.20	140	203
20	223.20	223.20	219.10	220.80	220.80	89	173
23	218.50	221.50	218.00	221.00B@.50	221.20	51	157
24	211.20	*226.20*	221.20	226.20B	226.20	11	149
25	227.40	*231.20*	226.50	228.50B	228.50	35	144
26	228.00	230.00	227.50	230.00	230.00	14	144
27	231.00	231.60	230.80	231.10A	231.10	27	135
30	Exchange Closed, Memorial Day						
31	227.60	233.00B	227.00A	230.50A	230.50	34	132
IN JUNE							
1	229.00@228.50	229.20	*225.50*	227.50@226.50A	227.00	21	135
2	229.30	229.50B	225.00	226.50B	226.50	9	139
3	230.00	*231.50*	229.50	231.50@.00A	231.20	29	151
6	232.00@.50	*236.20*	230.80A	233.00	233.00	79	175
7	229.50	231.40	*228.00*	229.00B	229.00	34	181
8	224.00	225.00	*224.00*	224.00A	224.00	57	201
9	221.00	228.30B	221.00	228.00B	228.00	124	247
10	228.30	230.00	227.00	229.50B@230.00	229.70	31	240
13	231.00	231.50	228.30	231.00@.50	231.20	26	249
14	230.50	230.70B	227.20A	229.00B@230.50	229.80	47	263
15	228.50	230.00	228.50	229.00	229.00	16	266
16	230.00	231.80B	229.70	231.20A	231.20	16	254
17	232.00	234.50	232.00	232.50@233.00B	232.70	36	258
20	233.50	234.00	231.80A	233.00B@234.00	233.50	29	266
21	232.50	233.00	231.60	232.50A	232.50	26	255
22	233.50	233.50	230.00	230.50@.00	230.30	15	251
23	229.50	230.00B	227.20	230.00B	230.00	19	252
24	230.40@.30	231.00	228.00A	228.00A	228.00	17	261
27	228.00	228.00	223.10	223.30	223.30	53	244
28	223.30	224.00B	221.00A	222.00A	222.00	38	235
29	222.50	224.60	221.70	224.00A	224.00	15	232
30	227.20	228.00	225.50A	225.50A	225.50	16	235

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	226.00	227.00	224.50A	227.00@226.10A	226.50	4	237
4	Exchange Closed, Independence Day						
5	223.50	223.50	222.90	223.00	223.00	24	239
6	223.60	224.80B	219.20	219.20	219.20	37	245
7	219.10	219.10	215.10	216.00@215.20A	215.60	43	255
8	216.00	216.10B	214.40A	216.00@215.10	215.60	19	254
11	217.20@.60	218.60	217.00A	217.50@218.00	217.70	19	256
12	217.50	218.20B	215.20	216.00@215.20A	215.60	23	269
13	215.60	216.50	214.50A	216.00@215.50	215.70	26	280
14	216.90	218.10B	212.50	214.00@212.50	213.30	26	285
15	215.00	215.00	212.80A	214.00	214.00	23	285
18	215.00	216.00	214.50A	215.50@216.00	215.70	11	285
19	216.00	216.50	214.50	216.50@.00A	216.20	25	273
20	216.50	218.50	215.80	218.50@.00	218.20	45	271
21	218.80	_223.20_	218.50	223.20B	223.20	42	284
22	222.70	223.80	221.30A	221.50A	221.50	27	285
25	222.50	226.10B	221.50A	224.50A	224.50	28	283
26	224.80	224.80	221.50	222.00A	222.00	33	287
27	220.90	221.50	218.60A	219.50	219.50	63	270
28	218.00@217.50	218.00	215.00	215.50B	215.50	44	284
29	212.00	213.00	_210.50_	210.50@211.00B	210.80	22	279

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	211.00@210.00	211.00	_205.80_	207.00B	207.00	49	297
2	208.20	209.90	207.00A	207.00A	207.00	19	291
3	207.20	208.70	*204.50	207.50@208.00	207.70	72	285
4	207.80@.90	208.30	*_202.70_	203.50B	203.50	76	283
5	202.50	202.60	*199.50	199.50	199.50	69	290
8	196.00	196.00	*_194.50_	194.50@.50A	194.50	29	282
9	192.00@.20	199.30	*192.00	193.00	193.00	95	303
10	195.50	_198.00_	194.50	197.50	197.50	63	282
11	200.00@.50	202.20	199.00	201.00	201.00	54	278
12	202.00	_206.00_	202.00	205.00@204.50	204.70	89	300
15	208.50	_209.70_	208.50	209.70B	209.70	68	305
16	211.50	213.20	_204.70_	204.70@.70A	204.70	141	325
17	204.30@.50	204.50	_199.70_	202.30B	202.30	136	339
18	202.00	205.00	201.20	201.60@202.00	201.80	104	354
19	200.50@.70	202.20	_196.80_	197.50@196.80	197.20	88	349
22	202.20	_202.20_	200.50	200.50	200.50	36	330
23	205.50@.50B	_205.50_	203.10	205.50B	205.50	58	333
24	207.00	210.40	206.80	209.00@208.60	208.80	124	365
25	208.20	212.70	_203.80_	203.80	203.80	173	395
26	200.80	205.50	200.50	205.00	205.00	93	393
29	204.50@.00	204.90	202.00	202.20	202.20	78	413
30	203.50@.30	204.00	200.90A	202.00	202.00	131	425
31	200.00	201.00	199.00	200.00@199.50	199.80	80	422

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	202.00	202.00	199.20	199.80B	199.80	56	434
2	199.20	200.50	196.80	197.00@.50	197.30	116	444
5	Exchange Closed, Labor Day						
6	200.00	201.40	199.50	201.10A	201.10	65	437
7	202.00@.70	202.70	199.00	199.50@200.50	200.00	145	485
8	200.50	200.50	195.50	196.00@195.60	195.80	222	558
9	196.50@.30	196.50	192.50	195.10@194.50	194.80	303	633
12	198.00@.50	199.00	195.80	196.80@197.00	196.90	194	660
13	196.00	196.00	_191.90_	193.20	193.20	159	691
14	190.50@.80	191.60	*188.50	188.50@189.00	188.80	117	709
15	188.90	189.30	*184.80	186.50@187.00	186.80	309	764
16	187.50@.40	_191.80_	187.30	191.80@.80B	191.80	279	851
19	192.00	193.50	190.50	192.70@193.40	193.00	256	881
20	194.50@.80	196.00	190.10	190.50@.10	190.30	142	893
21	191.50	_195.30_	191.50	195.30B	195.30	247	914
22	196.30	190.80	195.30	199.80@.50	199.60	179	919
23	202.30@.40	202.40	198.30	201.00@2.30	201.10	144	940
26	202.80@.70	202.80	199.30	200.10B@201.00	200.60	145	972
27	199.50	199.50	196.20	198.30@.80	198.60	238	983
28	198.60	203.50	198.00	203.50@.30	203.40	243	1042
29	201.00	203.60	200.80	201.60@.70	201.70	196	1023
30	205.00	_206.70_	203.10	206.60@.70	206.60	348	1103

RANDOM LENGTH LUMBER FUTURES PRICES

MARCH 1984 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	207.10	208.40	*201.60*	201.60@.60A	201.60	412	1137
4	201.00	205.00	201.00	204.00@203.50	203.70	245	1102
5	205.00	205.00	198.90	203.00@202.50	202.80	304	1127
6	202.80	206.30	202.50	205.80	205.80	438	1215
7	207.50	209.90	205.10	208.50@.30	208.40	429	1279
10	207.00	208.20	205.00	208.20@.00	208.10	264	1304
11	205.00	208.50	204.90A	208.50@.30	208.40	227	1296
12	208.20	208.50	206.10	207.20@.00	207.10	164	1332
13	207.10	209.20	206.60	208.90@209.20	209.00	164	1337
14	208.00	208.40	206.30	207.90@.30	207.60	188	1351
17	207.00	207.80B	204.80	207.30@.10	207.20	197	1375
18	206.00	206.20	203.00	203.80@.00	203.40	343	1384
19	202.50@.60	202.90	196.80	198.80@199.50	199.20	354	1385
20	199.00	203.40	198.50	203.40@.30	203.20	518	1446
21	202.60	203.00	201.10	201.70@200.80	201.30	348	1448
24	202.00	202.90	197.50	197.50@198.00	197.80	379	1589
25	198.00	198.00	*192.80*	192.80@.80A	192.80	821	1505
26	192.50	193.30	189.60	190.80@191.30	191.10	830	1604
27	190.10	191.70	187.70	188.50@.20	188.40	687	1487
28	189.80	190.80	189.00A	190.00@.10	190.00	361	1517
31	190.10	192.00	187.50	187.50@.80	187.70	357	1535

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	189.70	*192.70*	189.00	192.50@.20	192.30	445	1573
2	191.80@.90	192.70	189.10	190.30@.20	190.30	495	1628
3	191.50	*195.30*	191.00	195.30@.20	195.20	816	1674
4	194.60@.50	195.20	193.00	193.60@.50	193.60	351	1655
7	193.00	194.30	191.80	193.70@.00	193.40	240	1638
8	193.90	194.00	191.70	193.20	193.20	338	1673
9	193.20	195.20	192.50	194.50@.80	194.60	248	1644
10	196.50	198.80	195.80	197.90	197.90	557	1682
11	197.50	198.80	195.20	196.20@.30	196.30	404	1719
14	191.30@.30A	191.30	*191.20*	191.30A	191.30	94	1727
15	188.50	189.90	187.50	187.50@188.00	187.80	548	1767
16	187.80@188.20	190.40	185.70	188.90@.30A	188.60	682	1771
17	188.00	191.30	187.40	191.30@190.80	191.00	526	1777
18	191.50@.00	191.70	189.40	189.60@.50	189.60	353	1772
21	189.60	191.70	189.60	191.60@.00	191.30	328	1784
22	192.00@.30	193.20	190.90A	191.00@.30	191.20	322	1779
23	191.20	193.00	190.00	193.00@192.80	192.90	292	1787
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	195.00	195.00	190.60	191.20@190.80	191.00	445	1803
29	191.70	194.20	191.20	192.30@.50	192.40	504	1808
30	196.50	196.50	193.60	194.40@.10	194.20	724	1937

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	194.80	195.50	193.60	195.50@.10	195.30	392	2011
2	196.00	196.50	193.80	194.20@193.80	194.00	386	2023
5	192.80@.50	192.80	189.70	190.60@.30	190.50	886	2035
6	190.30	191.80	187.60	188.00@187.60	187.80	808	2056
7	188.50	190.50	187.60	190.00@.50	190.20	904	2136
8	188.30@.10	192.40	187.30	192.00@191.70	191.80	1036	2154
9	192.80	193.30	191.60	193.20@192.70	192.90	839	2246
12	193.20@.40	194.00	190.20	190.70@.20	190.50	954	2237
13	188.30@.50	188.80	185.80	186.20@185.80	186.00	1383	2277
14	186.50	188.20	186.20	186.30@187.50	186.90	703	2457
15	186.50@.60	187.20	*182.70	183.20@182.80	183.00	1303	2325
16	183.20@.40	187.10	*181.80	187.00@186.30	186.60	1195	2414
19	185.60@.40	187.70	185.20	186.50@.00	186.30	648	2457
20	186.00@.20	187.30	*181.30	181.50@.30	181.40	1380	2409
21	181.50	183.50	*179.50	182.00@183.50	182.70	1102	2632
22	181.70@182.00	183.40	181.60	183.40@182.80	183.10	892	2623
23	183.30@.50	185.00	181.50	184.80@185.00	184.90	978	2973
26	Exchange Closed, Christmas						
27	184.70@.50	185.70	183.60	185.50@.30	185.40	796	3020
28	184.00@183.80	184.20	180.90	181.60@.10	181.40	1003	3007
29	181.40	182.80	180.10	181.80@182.40	182.10	750	3104
30	181.60@.50	181.70	180.20	181.20@180.90	181.10	754	3134

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1984 FUTURES CONTRACT
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
17	236.80	#236.90	*235.00A	235.00A	235.00	3	2
18	235.00	236.00B	*233.20A	234.50A	234.50	1	2
19	....	....	*232.50A	232.50A	232.50	....	1
20	....	234.00B	....	233.50B	233.50	....	1
21	....	....	232.80A	233.50N	233.50	....	1
24	....	....	*229.50A	230.20A	230.20	....	1
25	....	235.00B	....	231.80B	231.80	....	1
26	....	233.80B	....	231.80N	231.80	....	1
27	234.10	234.80B	233.30A	233.30A	233.30	1	2
28	....	#237.00B	....	236.00B	236.00	....	1
31	....	#239.00B	....	239.00B	239.00	....	1

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	#240.00B	*234.00A*	234.00A	234.00	....	1
2	....	235.20B	....	235.20B	235.20	....	1
3	....	235.50B	....	235.50B	235.50	....	1
4	....	....	234.20A	234.20A	234.20	....	1
7	....	....	231.20A	231.20A	231.20	....	1
8	231.00	231.50B	230.50A	230.50A	230.50	1	1
9	....	233.10B	....	232.50B	232.50	....	1
10	....	233.40B	....	232.50N	232.50	....	1
11	233.00	233.00	231.20A	231.20A	231.20	1	2
14	....	233.50B	....	231.20N	231.20	....	2
15	....	233.00B	....	233.00B	233.00	....	2
16	....	234.00B	....	233.00N	233.00	....	2
17	234.50@235.00	235.50B	234.50	234.50A	234.50	2	3
18	....	237.00B	....	236.00B	236.00	....	3
21	Exchange Closed, President's Day						
22	....	237.50B	....	236.00N	236.00	....	3
23	235.00	237.50B	234.80A	234.80A	234.80	1	4
24	234.80	234.90	234.70A	234.80	234.80	4	7
25	235.50	236.00B	234.70A	234.70A	234.70	13	18
28	....	....	230.80A	230.80A	230.80	....	18

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	233.00B	....	233.00B	233.00	....	18
2	....	235.40B	....	235.00B	235.00	....	18
3	....	235.90B	234.00A	234.00A	234.00	....	18
4	236.50	237.10B	231.50A	231.50A	231.50	2	18
7	230.70	233.00B	230.00A	230.00A	230.00	2	18
8	229.70	230.50B	*228.80A	230.50B	230.50	1	18
9	....	232.50B	230.00A	230.00A	230.00	....	18
10	....	231.00B	....	231.00B	231.00	....	18
11	....	....	230.00A	230.00A	230.00	....	18
14	....	232.50B	....	232.50B	232.50	....	18
15	233.00	233.50	232.80	233.50B	233.50	4	17
16	233.00	235.00B	229.50A	229.50A	229.50	1	18
17	232.60	233.30B	232.60	232.60@233.50B	232.90	1	19
18	....	233.90B	....	233.90B	233.90	....	19
21	....	....	231.50A	233.90N	233.90	....	19
22	....	....	233.80A	233.80A	233.80	....	19
23	234.00	234.90B	234.00	234.90B	234.90	1	20
24	231.00	231.00	231.00	231.00	231.00	1	21
25	231.00	232.50B	231.00	231.00@232.00	231.50	2	23
28	....	233.00B	....	233.00B	233.00	....	23
29	232.00	234.00B	231.80A	232.20B	232.20	1	24
30	232.10	232.10	229.40A	231.80B	231.80	4	27
31	....	232.50B	231.00A	231.80N	231.80	....	25

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1984 FUTURES CONTRACT
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday						
4	....	....	229.40A	231.80N	231.80	....	25
5	....	....	....	231.80N	231.80	....	25
6	228.60	230.00	*228.60	228.60@230.00B	229.30	4	25
7	230.00	231.00B	229.00A	231.00B	231.00	7	27
8	....	232.00B	....	231.70B	231.70	3	30
11	....	233.90B	....	233.90B	233.90	....	30
12	....	234.90B	....	234.90B	234.90	....	30
13	235.00	237.90B	234.70A	237.90B	237.90	5	34
14	238.50	#240.10	238.50	239.90B	239.90	5	33
15	237.50	239.00B	237.00A	239.00B	239.00	2	33
18	....	240.00B	237.50A	240.00B	240.00	....	33
19	239.00	239.50B	236.70	239.00B	239.00	6	37
20	....	....	235.50A	237.90A	237.90	2	37
21	....	239.00B	237.00A	239.00	239.00	....	37
22	238.00	238.00	236.50	236.90B	236.90	2	38
25	238.00	238.50	237.50A	238.00	238.00	7	40
26	238.00	238.50B	237.00	237.00	237.00	11	34
27	....	237.20B	236.00A	236.10A	236.10	....	34
28	237.90	240.00	236.30A	240.00	240.00	5	38
29	239.50	239.50	238.00A	239.50	239.50	11	47

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
2	....	....	238.00A	238.50A	238.50	....	47
3	....	239.80B	....	239.00B	239.00	....	47
4	241.00	#242.40	241.00	242.40	242.40	17	46
5	....	#243.00B	....	243.00B	243.00	5	51
6	245.50	#245.50	244.50A	245.50	245.50	1	51
9	244.70@.90	245.00B	244.50A	245.00B	245.00	3	51
10	245.00	245.20B	245.00	245.00	245.00	2	51
11	243.50	243.50	242.00	242.00	242.00	11	49
12	242.00	242.00	_237.00_	237.00	237.00	17	50
13	236.00	237.50B	235.50A	235.50A	235.50	2	52
16	234.50	238.50B	233.00	238.00B	238.00	4	51
17	239.80	240.40B	_233.00_	234.50B	234.50	7	54
18	233.50	235.20B	231.50A	231.50A	231.50	6	56
19	230.00@229.00	232.00B	_*226.50_	226.50A	226.50	26	58
20	226.00	226.60	*222.90	224.50	224.50	36	58
23	224.00	225.00B	223.50A	224.00	224.00	3	60
24	....	_229.00B_	....	229.00B	229.00	....	55
25	233.00	_234.00_	228.50A	228.50A	228.50	5	43
26	227.40	228.50B	227.00A	228.50B	228.50	13	44
27	229.50@.80	232.50	229.00	231.00B@232.00	231.50	18	43
30	Exchange Closed, Memorial Day						
31	231.60	231.60	228.50	230.60A	230.60	4	42

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	229.50	229.50	227.10A	227.10A	227.10	11	51
2	227.50	228.50B	226.00A	227.50@226.60A	227.10	16	49
3	232.10	_232.10_	231.50	231.50A	231.50	11	51
6	....	234.50B	....	233.00B	233.00	....	49
7	231.10	233.10B	228.80A	229.10B	229.10	6	47
8	227.50@228.10	228.10	_224.10_	224.10A	224.10	49	62
9	221.00	_229.10_	*221.00	227.50A	227.50	49	63
10	229.00	230.50	228.50A	229.00A	229.00	19	62
13	229.50	232.50	229.50	232.50@231.00A	231.70	6	66
14	230.20	231.50B	228.00	228.00	228.00	15	70
15	230.00	230.50B	228.80	228.80	228.80	3	68
16	230.50	232.60	230.00A	232.20B	232.20	13	76
17	232.60	233.50B	232.50	232.60B	232.60	3	73
20	234.50	234.50	233.00A	234.50	234.50	1	73
21	233.10	234.00	232.70	234.00	234.00	11	73
22	234.00	234.50B	230.00A	231.00A	231.00	5	76
23	229.30	230.50B	229.00A	230.50B	230.50	2	78
24	231.50	231.50	229.00A	229.20A	229.20	9	83
27	228.00	229.30B	225.60A	225.60A	225.60	3	85
28	226.00	226.50B	223.50A	224.10A	224.10	9	89
29	....	226.00B	....	226.00B	226.00	2	87
30	230.00	231.00B	228.50A	228.50A	228.50	14	92

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1984 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	229.00B	227.00A	228.50N	228.50	....	93
4	Exchange Closed, Independence Day						
5	225.00	226.00	225.00	226.00	226.00	13	95
6	227.00	228.00B	223.50	223.50	223.50	37	87
7	222.10	222.10	_*218.50A_	218.50A	218.50	10	89
8	218.30	219.30	*218.20	218.20	218.20	19	89
11	221.60	222.00B	219.60A	219.60A	219.60	4	93
12	220.80	221.00B	*217.50A	217.90B	217.90	4	92
13	218.50	218.60B	217.60A	218.30A	218.30	2	93
14	221.40	221.50B	217.80A	219.00@217.80A	218.40	8	93
15	218.50	219.00	*216.00A	219.00@218.00	218.50	8	101
18	218.50	219.30B	218.00A	219.30B	219.30	2	96
19	219.60	220.50	218.80A	219.70A	219.70	4	95
20	222.00	223.00B	220.00A	222.30B	222.30	3	96
21	223.50	227.00	222.10A	226.50B@227.00	226.70	23	106
22	226.50	228.00B	225.10A	226.10A	226.10	2	106
25	228.00	231.00	225.50A	228.00A	228.00	10	103
26	227.00	228.50	225.70A	225.70A	225.70	16	101
27	225.00	225.50	222.00A	222.00A	222.00	18	105
28	221.50	221.50	218.00	219.00B	219.00	7	110
29	217.10@.00	217.50B	_*214.00_	214.80B	214.80	23	112

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	213.80@.50	213.80	_*209.80_	211.40B	211.40	80	126
2	213.70	214.50	211.00A	211.40A	211.40	53	131
3	211.50	214.50	*209.00	213.50	213.50	64	126
4	211.50	214.00B	*208.80A	209.40B	209.40	27	124
5	208.20@209.50	211.00B	*206.50A	206.80A	206.80	27	121
8	204.50	204.50	_*201.80_	201.80@.80A	201.80	41	106
9	200.50@.40	205.20	*200.40	202.00@200.50A	201.30	38	120
10	204.00	_206.30_	203.00A	204.10A	204.10	6	116
11	209.10	_209.10_	206.60A	206.60A	206.60	20	126
12	211.60	_211.60_	211.40A	211.60B	211.60	5	124
15	214.50	_216.60_	214.50	216.60B	216.60	29	111
16	217.70	221.50	_211.60_	211.60	211.60	115	157
17	213.00	213.00	207.50	209.50	209.50	51	154
18	212.50	212.50	208.60A	208.60A	208.60	10	142
19	207.00	210.00	206.50	206.50	206.50	38	147
22	211.50	_211.50_	208.00	208.00	208.00	31	140
23	213.00	_213.00_	211.50	213.00B	213.00	27	143
24	215.00	217.50	215.00	216.50@217.00B	216.70	29	151
25	218.70	218.70	_211.70_	211.70	211.70	20	151
26	208.50	214.00	208.50	212.00@214.00	213.00	8	148
29	211.00	213.30	210.10	210.10	210.10	21	144
30	212.00	213.50	209.10A	209.10A	209.10	9	151
31	205.50	209.90	205.50	207.40A	207.40	11	152

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	209.50	210.00B	208.10A	209.20@208.10A	208.60	9	148
2	208.60	208.60	206.10	206.10	206.10	19	148
5	Exchange Closed, Labor Day						
6	209.00	211.00B	208.80A	209.00A	209.00	17	163
7	210.50@211.00	211.50B	207.50A	207.50A	207.50	17	166
8	208.00	208.50	204.80A	205.10	205.10	21	177
9	204.30@.20	205.20B	202.50	203.10A	203.10	69	196
12	207.00	207.00	204.50A	204.50A	204.50	19	197
13	203.50	203.50	201.30A	202.10A	202.10	20	203
14	200.00@199.00	200.50	*198.70A	198.70A	198.70	30	196
15	198.30	198.80B	*195.30A	195.30A	195.30	25	212
16	197.70	_200.30_	197.70	200.30B	200.30	34	194
19	202.00	203.50	200.00A	201.00	201.00	49	217
20	205.50@.80	205.80	199.20A	199.20A	199.20	62	235
21	203.70	_204.20_	202.30A	204.20B	204.20	48	237
22	206.00@.30	208.50	204.90	206.20A	206.20	60	267
23	210.00@211.00	211.00	206.00A	208.00	208.00	83	265
26	210.50	211.00B	208.10A	209.00B	209.00	16	260
27	207.50	207.50	205.50	205.50A	205.50	31	257
28	207.00	_210.50_	206.80	210.50B	210.50	45	275
29	209.00	211.10	208.40	209.00A	209.00	28	280
30	213.50	213.70	212.00A	213.00	213.00	84	296

RANDOM LENGTH LUMBER FUTURES PRICES

MAY 1984 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	214.00	215.70	208.10	208.20@.10	208.20	41	305
4	211.00	212.20	209.50	210.50A	210.50	31	319
5	213.00	213.00	207.10	209.50@210.50B	210.00	46	328
6	214.00	214.00	210.20	214.00	214.00	81	310
7	216.00@.50	217.60	213.50A	216.00B	216.00	64	326
10	215.00	217.50	214.00	217.50@.00A	217.20	114	353
11	215.50	217.50	215.50	216.50	216.50	65	361
12	216.00	216.80B	213.70	215.00	215.00	34	365
13	215.50@.80	216.80	214.80A	216.00B@.80	216.40	49	364
14	216.40@.20	216.40	214.00A	215.90@.10A	215.50	26	356
17	214.30	216.00B	213.70	215.50	215.50	39	370
18	214.00	214.20B	211.50	211.50	211.50	49	374
19	210.50@.70	211.20B	208.00	208.00@2.40	208.20	40	352
20	206.50@.10	211.60B	206.10	211.00	211.00	109	352
21	211.00	211.00	208.10	209.80@.50A	209.70	18	341
24	208.10	210.50B	206.80	207.20@208.00	207.60	41	332
25	207.00	207.10	202.80	203.50	203.50	70	344
26	202.30	203.50	200.60	201.50@202.30	201.90	76	340
27	200.60	201.90	199.10	199.70B	199.70	106	353
28	200.50	203.20	200.20	201.50B	201.50	50	349
31	201.70@.90	202.50	198.50	199.30	199.30	65	378
IN NOVEMBER							
1	202.00	*204.30*	200.90A	203.00	203.00	39	375
2	203.00	203.00	200.40A	200.50@201.30	200.90	30	383
3	202.50	*205.90*	202.00A	205.00	205.00	39	393
4	203.80	204.20	202.50A	202.50A	202.50	32	399
7	202.00@201.80	204.50	201.80	204.50@203.10A	203.80	15	397
8	205.00@.20	205.20	203.00	205.00@204.60	204.80	42	414
9	204.70	206.00	204.30	205.00@204.30	204.70	34	410
10	206.00	209.40	206.00	208.00@207.60	207.80	75	395
11	208.30	209.00	206.10	206.10	206.20	35	395
14	202.50	202.50	*201.10*	201.10A	201.10	135	443
15	200.00@199.30	201.00	198.40	198.70	198.70	116	453
16	198.50@.60	200.70	196.80	198.50@199.50	199.00	164	500
17	198.80	201.50	197.50	200.40@.70	200.50	167	562
18	201.80	201.80	199.20	201.00@200.30A	200.60	103	588
21	201.00	202.00	200.60	201.00	201.00	77	581
22	202.00	203.40	201.50A	202.00@203.40	202.70	93	589
23	202.00	206.00	201.00	205.30B@206.00	205.60	249	615
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	206.50	206,50	202.00	202.70@.00	202.40	149	645
29	202.00	204.00	201.30	201.50@.30	201.40	256	650
30	203.40@.50	204.90	202.40A	203.20@202.50	202.80	254	712
IN DECEMBER							
1	202.00	204.00	202.00	203.60	203.60	201	697
2	204.00	205.00	202.30	202.30	202.30	174	743
5	200.00	200.00	197.60	198.50	198.50	394	795
6	198.10	199.70	*194.20	195.00@194.20	194.60	430	900
7	194.60	198.40	194.40	197.80@196.50	197.10	281	896
8	195.80	199.30	195.10	197.80@.60	197.70	339	947
9	198.50	199.00	196.50	198.30@196.50	197.40	204	939
12	197.00	107.70	195.50	195.50@196.50	196.00	349	1005
13	195.00	195.60	*193.00	193.50@.00	193.30	370	1002
14	194.10	195.00	193.30	193.30@194.40B	193.80	184	1026
15	193.80	194.70	*190.70	191.80@190.70	191.30	517	967
16	191.00	194.00	191.00	193.40A@191.70	192.50	282	1012
19	194.00	194.60	192.50	193.00@.70	193.30	165	997
20	193.90	195.00	*190.00	190.40A@.00	190.20	311	994
21	189.90@.80	191.70	*189.50	191.20@.50	191.30	302	985
22	191.00	193.20	190.40	191.90A@.50	191.70	229	1073
23	192.30	196.50	191.50	195.10@196.50	195.80	319	1264
26	Exchange Closed, Christmas						
27	195.50	197.20	194.80	197.20@196.00	196.60	314	1271
28	195.30@.20	195.70	192.30	193.70@.00	193.40	483	1304
29	193.50@.60	194.50	191.70	193.50@194.00	193.70	336	1384
30	194.00	194.50	192.20	194.50@.00	194.20	459	1452

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1984 FUTURES CONTRACT
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
13	242.00	#245.00B	*242.00	245.00B	245.00	3	3
14	245.00	#247.90B	244.00A	247.90B	247.90	3	6
15	....	....	244.00A	246.90A	246.90	....	6
18	....	....	245.00A	246.90N	246.90	....	6
19	....	....	244.00A	246.90N	246.90	3	6
20	244.00	244.70B	*241.90A	244.70A	244.70	1	6
21	....	245.00B	....	244.70N	244.70	....	6
22	243.50	244.60B	242.50A	244.60B	244.60	1	7
25	243.00	243.00	242.00A	243.00	243.00	1	8
26	244.70@245.00	246.00B	247.90A	246.00B	246.00	5	10
27	....	....	242.80A	245.90A	245.90	....	10
28	245.90	247.80B	243.30A	247.80B	247.80	2	12
29	....	#248.50B	247.00A	248.50B	248.50	....	12
IN MAY							
2	249.20@.40	#249.40	244.50A	247.00A	247.00	2	13
3	....	248.30B	245.50A	248.30B	248.30	....	13
4	248.50	#249.90B	248.50	249.90B	249.90	2	13
5	....	....	....	249.90N	249.90	....	13
6	250.00	#252.50B	250.00	251.50B	251.50	5	16
9	250.00	251.50B	249.90A	251.50B	251.50	1	16
10	....	....	250.50A	251.50N	251.50	....	16
11	250.00	250.00	249.50A	249.50A	249.50	1	16
12	246.00@.20	246.20	*244.50*	244.50	244.50	5	17
13	244.50	244.50	242.00A	242.00A	242.00	1	17
16	240.00	244.50B	*239.00A	244.50B	244.50	3	15
17	239.50	246.50	*239.50*	239.50	239.50	1	14
18	239.00	241.00B*	*234.50*	234.50	234.50	4	13
19	235.00@.50	235.50*	*229.50*	229.50A	229.50	25	19
20	230.00	230.00*	224.60	228.50@227.50	228.00	18	25
23	227.00	228.70B	226.50A	228.00B	228.00	7	25
24	231.50	*233.00*	231.50	233.00@.00B	233.00	5	30
25	237.00	237.50B	232.00A	232.00A	232.00	6	28
26	....	....	230.00A	232.00N	232.00	2	29
27	234.00	234.30B	234.00	234.10B	234.10	....	26
30	Exchange Closed, Memorial Day						
31	233.00	233.00	231.00A	231.00A	231.00	3	27
IN JUNE							
1	230.50	231.20	228.50A	228.50A	228.50	3	23
2	228.00	230.00B	228.00	229.50B	229.50	6	24
3	....	*234.50B*	....	234.50B	234.50	....	24
6	237.50@238.00	238.00	235.00A	236.50A	236.50	6	30
7	232.00	236.00B	232.00	234.00B	234.00	4	29
8	....	....	*229.00A*	229.50A	229.50	....	29
9	232.00	*234.50B*	232.00	234.50B	234.50	1	29
10	....	236.00B	....	236.00B	236.00	....	29
13	....	237.00B	234.50A	234.50A	234.50	....	29
14	231.00	231.00	231.00	231.00	231.00	....	29
15	....	233.00B	....	233.00B	233.00	1	30
16	236.60	236.60	236.60	236.60	236.60	1	31
17	....	....	235.50A	236.60N	236.60	....	31
20	237.00	239.00B	237.00	239.00B	239.00	3	32
21	....	....	238.00A	238.00A	238.00	....	32
22	239.50	239.70B	235.00A	235.00A	235.00	1	31
23	234.90	235.50B	234.00A	235.00A	235.00	4	31
24	237.50	237.50	235.00A	235.00A	235.00	2	31
27	....	....	230.20A	230.20A	230.20	....	31
28	230.50	230.50	229.00A	230.50	230.50	2	32
29	231.50	233.00B	231.30A	231.30A	231.30	2	33
30	235.00	236.30B	233.00A	233.00B	233.00	1	33

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1984 FUTURES CONTRACT
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	....	234.80B	232.00A	233.00N	233.00	....	32
4	Exchange Closed, Independence Day						
5	231.00	231.00	230.00A	231.00	231.00	1	31
6	228.60	233.20B	228.60	229.50	229.50	2	31
7	227.50	227 50	226.70A	226.70A	226.70	4	28
8	228.70	229.00B	226.20A	226.20A	226.20	3	30
11	....	....	....	226.20N	226.20	....	30
12	226.30	227.00B	*223.00A	223.00A	223.00	2	30
13	223.50	224.50B	223.10	223.50A	223.50	5	28
14	224.50	225.20B	*222.50A	222.50A	222.50	2	31
15	224.70	225.50	223.50A	224.60B	224.60	5	28
18	....	225.20B	224.00A	224.60N	224.60	....	28
19	....	226.00B	....	224.60N	224.60	....	28
20	225.00	228.00B	224.70A	227.00A	227.00	5	29
21	228.00	231.50B	227.50A	231.50B	231.50	3	31
22	232.00	232.00	230.00A	230.10A	230.10	1	30
25	234.00	_235.10_	230.00A	233.50A	233.50	9	29
26	232.00	235.00B	231.50A	235.00B	235.00	7	31
27	231.50	231.50	_230.00A_	230.00A	230.00	2	31
28	227.50	228.50	_225.00_	227.00A	227.00	14	30
29	....	....	_*222.00A_	223.00A	223.00	....	30
			IN AUGUST				
1	220.50	220.50	_*218.00_	220.00B	220.00	15	34
2	221.00	224.00B	220.00A	221.00@220.50A	220.70	2	35
3	220.20	222.00B	218.10	220.00B	220.00	13	31
4	217.00	218.50B	_*217.00_	218.50B	218.50	1	30
5	218.50	220.00B	218.00A	218.50	218.50	1	31
8	215.00	215.00	_*213.50_	213.50A	213.50	7	30
9	210.00	215.50B	*210.00	213.00B	213.00	2	30
10	215.00	215.50B	212.00	215.50B	215.50	6	32
11	219.00	220.00	219.00	220.00	220.00	7	24
12	225.00	_225.00_	224.00A	224.50B	224.50	8	28
15	225.00	_229.50_	225.00	229.50B	229.50	7	31
16	227.00	229.80	_224.50A_	224.50A	224.50	18	44
17	221.50	222.00B	221.00	222.00B	222.00	6	39
18	....	222.50B	220.50A	220.50A	220.50	....	39
19	216.60	219.00B	216.60	219.00B	219.00	1	39
22	224.00	_224.00_	220.00	220.20	220.20	12	46
23	222.00	_225.20B_	221.80A	225.20B	225.20	8	50
24	227.00	227.60	226.70A	227.00	227.00	18	57
25	225.20	227.30B	222.60A	222.60A	222.60	1	57
26	222.00@221.50	224.00	221.00A	224.00	224.00	13	67
29	221.00	223.50	221.00	221.60A	221.60	13	69
30	223.00	223.00	220.50A	220.70A	220.70	3	69
31	218.00	218.10B	217.00A	218.10B	218.10	1	68
			IN SEPTEMBER				
1	219.10	220.00B	218.00	220.00B	220.00	8	68
2	220.00	220.00	217.00A	217.10	217.10	5	67
5	Exchange Closed, Labor Day						
6	218.80	219.50	218.60	218.60	218.60	6	70
7	216.80	216.80	216.80	216.80	216.80	2	71
8	216.00	216.00	212.50	216.00	216.00	19	70
9	212.40	216.00	212.40	214.00A	214.00	10	67
12	....	218.00B	....	215.00B	215.00	....	67
13	213.10	213.80B	211.30A	211.50A	211.50	9	70
14	208.00@207.80	210.00B	_*206.50_	206.50	206.50	20	64
15	206.80	208.00B	*204.00A	206.00B	206.00	24	69
16	210.50	210.90	208.00	210.50A	210.50	11	69
19	212.40	212.40	210.00A	211.30B	211.30	4	69
20	213.10	213.20B	210.20	211.00B	211.00	9	69
21	212.00	_216.00_	212.00	216.00B	216.00	47	81
22	216.10	218.50	215.50	216.60	216.60	27	74
23	218.00	218.00	214.30	217.50@216.00A	216.70	17	79
26	216.30@.50	219.00B	216.30	217.00	217.00	5	82
27	216.50	216.50	214.00A	214.00A	214.00	15	85
28	213.70	218.70	213.70	218.60A	218.60	37	83
29	219.20	219.50B	216.50	217.90B	217.90	7	84
30	220.10	220.50B	218.50	220.50B	220.50	23	84

RANDOM LENGTH LUMBER FUTURES PRICES

JULY 1984 FUTURES CONTRACT IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	220.70	223.00	_215.50_	215.50A	215.50	26	89
4	215.50	219.00	215.10	218.00A	218.00	6	91
5	218.00	220.00B	214.30A	217.00B	217.00	10	89
6	218.00	221.40	217.00A	221.00A	221.00	3	89
7	221.00	224.50	221.00	223.30A	223.30	14	96
10	223.00	224.70B	222.00	223.50B	223.50	4	94
11	222.50	224.00B	222.50	223.40A	223.40	5	95
12	223.00	223.70B	220.90A	221.50@.10A	221.30	29	106
13	222.50	223.00B	221.30A	223.00B	223.00	7	111
14	223.00	223.00	221.00A	222.50	222.50	4	110
17	221.70	222.50B	220.80A	222.50B	222.50	4	113
18	221.50	221.50	218.70A	218.70A	218.70	21	117
19	217.00	218.00	215.30	215.30	215.30	27	124
20	214.00	218.50B	214.00	218.00B	218.00	19	127
21	218.50	218.50	215.50A	216.50B	216.50	3	128
24	....	217.50B	214.00A	214.50A	214.50	....	128
25	213.00	213.00	210.10	210.10	210.10	13	133
26	210.00	211.00	207.50	209.00B	209.00	26	141
27	207.00@206.60	209.00	206.60	207.00	207.00	28	149
28	209.00	210.00B	208.00	209.30B	209.30	6	151
31	210.00	210.00	207.30A	207.50	207.50	40	165
IN NOVEMBER							
1	210.00	212.00	209.00	211.00A	211.00	10	162
2	210.80	211.50	208.80A	209.30B	209.30	16	166
3	211.00	214.00	210.90A	213.00	213.00	20	160
4	212.70	212.70	211.00	211.00	211.00	30	159
7	212.00@.10	212.50B	210.50A	212.00A	212.00	4	155
8	212.00	212.80B	211.50A	212.50@.80B	212.60	8	158
9	213.50	214.50B	213.20A	213.50B	213.50	11	160
10	216.50	217.20B	216.00	216.00A	216.00	31	146
11	217.00	217.20B	214.10A	214.10A	214.10	15	148
14	212.80@.70	212.80	_209.10_	209.50	209.50	60	167
15	208.50	210.20B	207.90	208.70A	208.70	26	169
16	209.00	211.00	208.00	209.90	209.90	38	180
17	209.50	211.20	208.60	210.10A	210.10	30	193
18	210.00	210.80	208.50	208.50	208.50	18	203
21	210.10	210.80B	209.80A	210.50A	210.50	19	207
22	211.10	212.40	210.50A	211.50B	211.50	28	212
23	210.60	212.40	210.10A	211.80A	211.80	46	245
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	214.00	214.00	210.00	210.00	210.00	26	254
29	210.10	211.50B	209.50	209.50	209.50	65	263
30	210.10	212.30B	210.00	210.00	210.00	31	268
IN DECEMBER							
1	210.50	213.00	210.00	212.50@211.50A	212.00	30	271
2	212.50	212.50	210.10A	210.10A	210.10	3	271
5	209.90	209.90	205.40	206.00	206.00	92	278
6	206.10	207.20	*201.00	201.00A	201.00	96	308
7	201.00@.20	204.50	201.00	203.20	203.20	66	317
8	204.50	205.80	203.00	204.00B	204.00	64	335
9	204.50	205.30B	202.50A	203.00@202.50A	202.80	39	334
12	203.50	204.30	202.50	202.50	202.50	140	352
13	202.00	203.00B	201.30	202.00@201.20	201.60	57	336
14	203.40	204.30B	201.30	201.50@.30	201.40	45	336
15	201.10@.00	203.50	*199.80	199.80	199.80	142	370
16	200.10	201.00	*198.90	201.00	201.00	154	396
19	200.00	201.00	199.20	199.80@200.50	200.20	82	419
20	202.00	202.00	*197.30	197.50A@.30	197.40	123	427
21	197.40	199.00	*197.00	197.00	197.00	176	413
22	197.20	199.50	197.20	198.80@199.50	199.10	104	449
23	199.40	202.00	199.00	201.00@.10	201.00	133	479
26	Exchange Closed, Christmas						
27	201.50	205.00	201.20	204.50@205.00	204.70	75	516
28	202.50	203.30	201.60	202.50@.00	202.30	62	516
29	202.60	203.50	201.50	202.20@.00	202.10	107	508
30	202.00	202.00	200.00	200.50@.00	200.30	89	552

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1984 FUTURES CONTRACT
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	226.00	#228.00B	*226.00	228.00B	228.00	1	1
2	....	#232.00B	....	232.00B	232.00	....	1
3	....	....	229.00A	230.50A	230.50	....	1
4	228.00	228.00	*_225.50A_	225.50A	225.50	4	5
5	226.00	227.50B	226.00	227.50B	227.50	1	3
8	....	....	*_222.50A_	222.50A	222.50	....	3
9	219.00	226.00B	*218.00	224.00A	224.00	5	8
10	223.00	225.00	222.30	225.00B	225.00	2	10
11	225.00	229.00B	224.00	229.00B	229.00	3	13
12	227.50	232.00B	226.50A	231.90B	231.90	2	15
15	232.00	#235.80B	232.00	235.80B	235.80	8	20
16	235.20	235.20	_230.80A_	231.80A	231.80	1	20
17	....	....	230.00A	230.00A	230.00	....	18
18	....	....	229.90A	229.90A	229.90	....	18
19	225.00	227.00B	225.00	227.00B	227.00	9	21
22	229.00	229.90	229.00	229.90	229.90	5	23
23	227.00	234.80B	227.00	234.80B	234.80	10	27
24	235.00	#235.90	235.90	235.90	235.90	3	27
25	236.00	#236.00	_230.90_	231.70B	231.70	4	28
26	228.00	233.00B	227.80A	233.00B	233.00	3	31
29	....	....	_228.00A_	230.80A	230.80	....	29
30	229.00	231.00B	227.00A	230.50B	230.50	1	28
31	....	....	_225.50A_	227.90A	227.90	....	28
			IN SEPTEMBER				
1	226.50@.10	229.10B	226.10	229.10B	229.10	2	27
2	226.40	226.80B	225.00A	226.80B	226.80	3	27
5	Exchange Closed, Labor Day						
6	226.80@.70	227.50B	225.10	227.50B	227.50	3	27
7	225.00	227.00B	224.10A	224.10A	224.10	2	28
8	224.00	226.00B	219.20A	223.00A	223.00	3	27
9	220.00	221.50B	220.00	221.40B	221.40	2	27
12	....	223.70B	....	222.90B	222.90	....	27
13	220.00@219.00	220.00	218.90A	219.00	219.00	5	27
14	215.60	215.60	*214.80A	214.80A	214.80	4	30
15	212.00	214.00B	*_209.80_	214.00B	214.00	9	37
16	211.00	217.90B	211.00	217.90B	217.90	12	6
19	218.90	219.90B	217.50A	219.90B	219.90	1	44
20	....	220.50B	218.00A	218.90A	218.90	....	44
21	219.90	222.40	219.90	222.40	222.40	6	44
22	222.50	222.90B	222.00	222.90B	222.90	3	45
23	223.00	223.00	219.50A	222.90B	222.90	7	45
26	223.00	224.00B	222.50A	223.00	223.00	2	46
27	221.50	223.00B	219.00A	219.50A	219.50	1	35
28	218.70	223.40	218.70	223.40B	223.40	10	41
29	....	224.50B	222.80A	222.80A	222.80	....	41
30	223.00	224.50	223.00	224.00A	224.00	1	41
			IN OCTOBER				
3	224.50	226.00	222.00A	222.00A	222.00	14	40
4	221.50	223.00B	221.50	223.00B	223.00	5	38
5	223.40	224.00B	221.50A	223.50B	223.50	1	38
6	224.00	226.90B	224.00	226.90B	226.90	7	40
7	226.90	228.90B	225.00A	228.90B	228.90	17	46
10	228.00	228.80B	227.00A	228.80B	228.80	3	46
11	227.00	228.50B	226.90A	227.80B	227.80	5	48
12	....	....	226.00A	226.00A	226.00	....	47
13	225.00	226.50B	225.00	226.50B	226.50	2	47
14	226.00	226.00	225.90A	226.00	226.00	....	47
17	225.50	225.50	225.00A	225.50	225.50	2	48
18	225.00	225.00	222.00A	222.00A	222.00	1	47
19	222.60	222.60	221.00A	222.00B	222.00	2	48
20	221.90	223.00B	220.00A	222.90B	222.90	1	49
21	223.10@.50	223.50	220.50A	223.50B	223.50	2	48
24	223.50	223.50	219.50A	222.00B	222.00	5	51
25	....	....	_217.00A_	217.50A	217.50	....	51
26	215.20	216.00	214.30	215.40B	215.40	8	55
27	214.30	216.00B	214.00A	214.00A	214.00	17	61
28	215.00	216.00	213.00	215.00	215.00	12	65
31	215.00	217.00B	213.50A	213.50A	213.50	7	63

RANDOM LENGTH LUMBER FUTURES PRICES

SEPTEMBER 1984 FUTURES CONTRACT IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
1	212.50	216.50B	212.50	216.40B	216.40	10	69
2	216.40	218.00B	215.00A	216.20A	216.20	2	69
3	218.10@.00	220.00B	216.00A	218.50A	218.50	7	68
4	216.00	216.50	216.00	216.00A	216.00	6	70
7	216.50	217.00B	215.50A	216.00A	216.00	1	70
8	217.00	218.00	215.50A	218.00	218.00	6	65
9	218.00	220.00B	217.80A	219.00	219.00	9	66
10	221.00	222.50B	219.50A	221.50B	221.50	5	69
11	220.00@219.90	223.50B	219.50A	219.50A	219.50	7	70
14	214.80	216.30B	*214.50*	214.90	214.90	8	79
15	215.00	215.50B	213.90A	213.90A	213.90	16	87
16	213.00@212.80	215.50B	212.80	214.80@215.50B	215.10	35	98
17	215.10	216.00	214.20	216.00	216.00	25	103
18	215.90	215.90	212.00	214.50A@213.50	214.00	56	128
21	215.00	215.20B	211.60	213.50B	213.50	40	143
22	214.50	215.50	214.20A	214.50@215.00	214.70	46	141
23	214.00	215.20B	213.50	213.50@215.20B	214.40	42	159
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	216.40	216.40	211.30	212.00@211.30	211.70	66	185
29	212.10	213.20	210.50	211.50@210.50	211.00	72	204
30	211.60	214.00	211.60	212.50@.30	212.40	66	200
			IN DECEMBER				
1	213.00	214.20	212.80A	213.50	213.50	58	213
2	215.00	215.00	211.90	212.20@211.90	212.10	78	231
5	212.00	212.00	*207.10	207.60	207.60	190	275
6	207.70	208.40	*202.60	202.60A	202.60	227	305
7	203.00	205.00	203.00	204.50@203.50	204.00	157	324
8	204.50	206.00	203.00	203.50@.00	203.30	140	353
9	202.60@.70	205.80	*202.50	203.00@202.50	202.80	161	363
12	203.50	204.80	202.50	202.50	202.50	159	349
13	202.30	203.80B	*201.80	202.00	202.00	72	354
14	203.00	204.80B	202.30	202.50@.30	202.40	70	351
15	202.40	204.00B	*199.00	199.00	199.00	136	385
16	201.10	202.50	199.00	200.00@199.00	199.50	185	372
19	201.00	201.50	200.00	201.00@200.00	200.50	69	387
20	202.00	202.00	*196.00	196.00	196.00	144	423
21	197.20@.50	198.80	*195.50	196.20@195.50	195.90	173	468
22	197.70	199.20	197.70	198.50@.30	198.40	155	416
23	199.90	202.30	199.50	202.10	202.10	51	407
26	Exchange Closed, Christmas						
27	201.60	204.50	201.60	204.50@203.50	204.00	28	406
28	204.80	204.80	201.70	202.50	202.50	41	416
29	203.00	204.50	201.60	201.60	201.60	60	421
30	203.00	203.50B	200.30	200.60@.30	200.50	46	423

NOVEMBER 1984 FUTURES CONTRACT IN SEPTEMBER 1983

26	223.00	#225.10B	*223.00	223.00	223.00	1	1
27	....	....	*219.50A	219.50A	219.50	....	1
28	220.00	223.00B	220.00	223.00B	223.00	2	2
29	....	#226.00B	....	223.00N	223.00	....	2
30	224.50	224.50	224.00A	224.00A	224.00	1	2

RANDOM LENGTH LUMBER FUTURES PRICES

NOVEMBER 1984 FUTURES CONTRACT
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
3	225.00	225.50B	223.00A	224.00A	224.00	1	3
4	....	225.00B	....	224.00N	224.00	....	3
5	....	225.00B	223.00A	224.00N	224.00	....	3
6	225.00	#226.40B	225.00	226.40B	226.40	6	5
7	....	#229.00B	225.00A	228.90B	228.90	....	5
10	227.50	228.00B	227.00A	228.80B	228.80	1	6
11	....	....	226.90B	227.80A	227.80	....	6
12	....	228.00B	226.10A	226.10A	226.10	....	6
13	....	228.00B	226.00A	228.00B	228.00	....	6
14	227.00	227.90	226.80A	227.50A	227.50	1	7
17	....	....	226.00A	227.50N	227.50	1	8
18	225.00	225.50B	223.70A	223.70A	223.70	2	9
19	222.00	222.70B	221.50	222.50	222.50	3	11
20	221.00	224.00B	220.00	224.00B	224.00	11	17
21	225.00	225.00	*219.00	223.50B	223.50	49	14
24	224.50	224.80B	220.00A	222.00A	222.00	2	13
25	....	....	*217.00*	217.50A	217.50	....	13
26	214.00@213.00	215.40B	*213.00	215.40B	215.40	6	16
27	....	217.00B	....	215.40N	215.40	....	16
28	215.00	217.00B	214.70A	214.70A	214.70	3	17
31	218.00	219.00B	213.50	213.50	213.50	8	22
			IN NOVEMBER				
1	213.40	216.50B	213.50	216.50B	216.50	2	21
2	....	219.00B	215.00A	218.50B	218.50	....	21
3	219.00	222.50B	218.00A	221.00	221.00	9	25
4	....	....	219.00A	219.00A	219.00	....	23
7	218.00	218.50B	216.00A	216.00A	216.00	7	23
8	217.50	217.50	215.30	217.00	217.00	8	25
9	....	220.00B	....	219.00B	219.00	....	25
10	219.00	222.50B	219.00	220.50	220.50	12	32
11	221.00	222.50B	220.00	220.50B	220.50	5	35
14	215.50	217.50B	*215.50*	217.50B	217.50	1	35
15	214.90	215.80B	214.90	215.80B	215.80	1	35
16	215.00	217.00B	213.80	215.90B	215.90	19	42
17	215.90	215.90	214.30A	215.90B	215.90	9	47
18	213.50	215.00B	213.50	215.00B	215.00	1	44
21	214.10	215.50B	214.10	214.90B	214.90	1	39
22	214.50	215.50	214.50	215.50B	215.50	18	46
23	214.50	214.90B	213.50A	214.90	214.90	6	49
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	217.00	217.00	*211.50	212.00A@211.50	211.80	6	55
29	212.50	212.80B	*211.00	212.00A@211.00	211.50	6	58
30	213.80	213.90	212.60A	213.20@.10	213.10	24	72
			IN DECEMBER				
1	214.00	214.20	213.50	214.00A@213.50	213.70	15	73
2	213.50	215.00B	213.30	213.80@214.00	213.90	33	79
5	212.90@.80	212.90	*208.90	208.90@.90A	208.90	65	105
6	209.00	209.40	*204.90	203.90A	203.90	104	112
7	205.00	205.70	*203.50	203.50	203.50	58	132
8	204.50	206.00	*203.10	203.40@.20	203.30	113	140
9	203.60	206.00B	*202.50	203.00@202.50	202.80	92	162
12	203.50	205.10	202.50	202.50	202.50	110	142
13	203.00	204.00B	*202.00	202.00	202.00	40	143
14	205.00	205.20B	202.30	202.30	202.30	24	142
15	204.50	205.20	*199.00	299.00	199.00	82	181
16	201.00@.60	202.70B	199.00	199.50@.00	199.20	105	157
19	201.50	202.50	201.00	201.00	201.00	44	144
20	201.80	202.00B	*196.00	196.00	196.00	28	148
21	197.20	199.00	196.20	196.40	196.40	32	149
22	199.00	199.00	198.00	198.50@.00	198.20	17	154
23	199.20	202.50B	199.20	202.10	202.10	25	164
26	Exchange Closed, Christmas						
27	202.80@204.00	205.00	203.00A	204.70@205.00	204.80	19	175
28	206.50@.30	206.50	202.00	202.00	202.00	23	174
29	204.50@.30	205.00	202.40	203.00@202.50	202.70	48	175
30	202.00	203.30B	201.80	202.00@201.80	201.90	9	173

RANDOM LENGTH LUMBER FUTURES PRICES

JANUARY 1985 FUTURES CONTRACT
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Volume (Trades Cleared)	Open Interest
18	217.00	#220.50B	*217.00	220.50B	220.50	10	5
21	....	....	217.90A	220.30A	220.30	....	5
22	221.30	#221.30	218.00A	218.50A	218.50	1	5
23	217.50	218.50B	217.50	218.50B	218.50	1	9
24	Exchange Closed, Thanksgiving Day						
25	Exchange Closed						
28	221.10	221.10	218.50	218.50	218.50	10	15
29	....	219.50B	218.30A	218.30A	218.30	....	15
30	....	219.90B	*215.00A	215.00A	215.00	....	15
			IN DECEMBER				
1	219.30	219.80B	218.10A	218.10A	218.10	2	17
2	....	219.50B	216.00A	216.00A	216.00	....	17
5	214.00@213.80	215.00B	*213.20A	213.20A	213.20	3	17
6	213.60@.15	214.00B	**208.20*	208.20@.20A	208.20	4	19
7	....	211.50B	....	208.20N	208.20	...	19
8	209.80	211.20B	209.80	210.10B	210.10	1	18
9	211.50	212.20B	*208.00A	208.00A	208.00	12	26
12	209.00	209.80B	*207.00A	207.00A	207.00	3	26
13	207.70	209.50B	207.70	208.00B	208.00	1	22
14	208.00	209.50B	208.00	209.50B	209.50	1	23
15	209.00	209.50B	*206.00A	206.00A	206.00	2	25
16	206.00	208.50B	*206.00	208.50B	208.50	3	25
19	209.10	209.10	209.00A	209.00A	209.00	2	26
20	209.10@.00	209.10	207.00A	207.00A	207.00	7	33
21	205.70	206.00B	*205.00A	206.00B	206.00	4	32
22	....	....	....	206.00N	206.00	1	33
23	206.70	210.00	206.70	210.00	210.00	2	33
26	Exchange Closed, Christmas						
27	....	214.00B	....	214.00B	214.00	....	31
28	....	....	210.00A	210.00A	210.00	....	28
29	212.00	212.00	212.00	212.00	212.00	2	29
30	212.00	212.00	210.00	210.00	210.00	4	32

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

Daily Price Range, volume and open interest on the Index and Option Market

(S & P 500 Futures Contract—$500.00 times Standard and Poor's 500 Stock Price Index)

MARCH 1983 135.00 CALLS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
7	13.20	#13.90B	*13.20	13.25	13.25	148.55	....	5	5
8	13.00	13.95B	*11.90A	11.95A	11.95	146.15	....	5	5
9	....	....	....	11.95N	11.20	146.15	....	....	5
10	....	#15.00B	....	15.00B	15.00	150.00	....	....	5
11	....	#15.50B	14.30A	14.30A	14.30	148.80	....	....	5
14	....	#16.40B	....	16.40B	16.40	150.95	....	....	5
15	....	....	15.00A	15.00A	15.00	149.35	....	....	5
16	....	15.05B	14.00A	14.00A	14.00	148.25	....	....	5
17	....	....	13.90A	13.90A	13.90	149.05	....	....	5
18	....	14.40B	....	14.40B	14.40	149.25	....	....	5
21	Exchange Closed, President's Day								
22	11.20	14.45B	*11.20	11.20	11.20	146.25	....	1	6
23	....	13.70B	....	13.70B	13.70	148.60	....	....	6
24	....	#16.75B	....	16.75B	16.75	151.70	....	....	6
25	....	#17.00B	16.00A	16.00A	16.00	151.00	....	....	6
28	....	....	14.25B	14.25A	14.25	149.20	6	....	....
				IN MARCH					
14	16.30	16.55B	16.30	16.55B	16.55	151.55	....	6	6
15	....	....	....	16.55N	16.55	151.50	6	....	....

MARCH 1983 140.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
28	9.00	# 9.00	* 7.40A	7.70B	7.70	145.35	....	156	81
31	7.40	9.00	* 7.30	9.00	9.00	147.20	....	77	77
				IN FEBRUARY					
1	8.60	8.70B	* 6.25	6.25	6.25	143.25	....	45	96
2	5.50	7.10	* 5.40	6.55B	6.55	144.05	....	127	131
3	6.40	7.40B	6.35A	7.00B	7.00	144.90	....	144	163
4	6.30	9.00B	6.65A	9.00B	9.00	148.40	....	13	162
7	10.00	#10.25	9.00A	9.45	9.45	148.55	....	43	171
8	....	9.60B	7.80A	7.80A	7.80	146.15	....	1	172
9	7.35	7.70	6.55A	7.10A	7.10	146.15	....	32	195
10	9.00	10.25	9.00	10.25B	10.25	150.00	....	2	188
11	10.70	#11.50	9.60A	10.00A	10.00	148.80	....	1	188
14	10.40	#11.75B	9.60A	11.60B	11.60	150.95	....	45	215
15	12.00	#12.00	9.90A	9.95	9.95	149.35	....	43	208
16	10.35	11.30B	9.00A	9.00A	9.00	148.25	....	48	194
17	8.50	9.60B	8.10	9.60B	9.60	149.05	....	36	211
18	9.90	10.90	9.50A	9.80A	9.80	149.25	....	87	223
21	Exchange Closed, President's Day								
22	8.60	10.10B	7.25A	7.25A	7.25	146.25	....	31	204
23	7.20	9.20B	7.20	9.20B	9.20	148.60	....	2	204
24	10.50	#12.10B	10.50	12.10B	12.10	151.70	....	104	250
25	12.20	#12.25B	10.80A	11.10	11.10	151.00	....	72	236
28	10.55	10.55	9.20	9.65B	9.65	149.20	....	185	404

B-Bid; A-Ask; N-Nominal; ##Determined by C.M.E. Rule 813 #New Contract High;
*New Contract Low; 0.002 cabinet transaction

Note: Volume or Open Interest may be affected by spreads and previous days' trades cleared today. Open Interest may also be affected by adjustments and deliveries.

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1983 140.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	11.40	#12.70B	11.40	12.70B	12.70	152.50	....	17	398
2	12.10	#13.00B	12.10	12.60B	12.60	152.55	....	48	381
3	13.60	#14.10B	13.35A	13.35A	13.35	153.25	....	64	386
4	12.60	13.75B	12.60	13.75B	13.75	153.65	....	10	396
7	12.90	13.60B	12.60A	13.50B	13.50	153.60	....	1	387
8	12.25	12.25	11.05A	11.05A	11.05	151.10	....	2	383
9	11.10	13.00B	11.10	12.95B	12.95	152.85	....	4	383
10	11.10	11.10	11.10	11.10	11.10	150.95	....	51	333
11	11.10	11.30B	11.10	11.30B	11.30	151.25	1	10	324
14	11.40	11.80B	10.40	11.60B	11.60	151.55	2	83	324
15	....	....	11.40A	11.60N	11.60	151.50	....	1	238
16	11.20	11.20	9.20A	9.20A	9.20	149.20	1	5	234
17	9.25	9.70B	9.25	9.55A	9.55	149.59	....	17	230
18	....	....	....	....	....	....	230	....	....
MARCH 1983 145.00 CALLS IN JANUARY 1983									
28	5.75@6.00	# 6.00	* 4.50	4.65A	4.65	145.35	....	737	487
31	4.25@.30	5.65	* 4.10	5.65	5.65	147.20	....	471	643
IN FEBRUARY									
1	5.50	5.60	* 3.40	3.40	3.40	143.25	....	238	701
2	2.70@.80	4.00	* 2.70	3.55B	3.55	144.05	....	313	767
3	3.55	4.35	3.40	3.95B	3.95	144.90	....	237	719
4	4.00	5.50B	3.75A	5.45	5.45	148.40	....	164	724
7	5.40	# 6.30	4.90	5.65	5.65	148.55	....	355	516
8	5.95	5.95	3.85	3.95A@.85	3.90	146.15	....	271	707
9	3.90@.85	4.20	3.20	3.75	3.75	146.15	....	256	769
10	4.35	# 6.80	4.30	6.80	6.80	150.00	....	485	928
11	6.90	# 7.05B	5.40	5.70	5.70	148.80	....	195	1005
14	5.65	# 7.70B	5.65	7.00	7.00	150.95	....	262	1068
15	6.65	7.40	5.50	5.80	5.80	149.35	....	322	1088
16	6.75	6.90B	5.00	5.10	5.10	148.25	....	193	1163
17	5.20	5.60	4.50	5.60	5.60	149.05	....	165	1143
18	5.70	6.50	5.30	5.70	5.70	149.25	....	238	1147
21	Exchange Closed, President's Day								
22	4.85	5.75B	3.40	3.50	3.50	146.25	....	286	1186
23	3.45	4.95B	3.40	4.95B	4.95	148.60	....	484	1279
24	5.20	7.60	5.20	7.40	7.40	151.70	....	231	1323
25	7.65	7.65	6.20	6.70A	6.70	151.00	....	209	1301
28	5.35@.25	6.25	4.40	5.25B	5.25	149.20	....	554	1661
IN MARCH									
1	6.00	# 8.00B	6.00	8.00B	8.00	152.50	....	288	1644
2	7.80	# 8.25	7.20A	7.90	7.90	152.55	....	126	1643
3	8.20	# 9.50B	8.20	8.65A	8.65	153.25	....	72	1600
4	8.15	9.05B	7.60A	9.05B	9.05	153.65	....	177	1483
7	7.85	9.00	7.15	8.85A@.80	8.85	153.60	....	112	1446
8	7.00	7.00	6.30A	6.30A	6.30	151.10	....	34	1468
9	6.30	8.00B	6.30	8.00B	8.00	152.85	....	185	1429
10	8.30	8.50	6.20	6.20	6.20	150.95	....	126	1393
11	....	6.40B	5.60A	6.40B	6.40	151.25	....	....	1377
14	6.25	7.05	5.45	6.60B	6.60	151.55	....	95	1455
15	6.25	6.60	6.00A	6.60	6.60	151.50	3	3	1367
16	6.15	6.15	4.50A	4.50A	4.50	149.20	....	11	1345
17	4.30	4.75	3.90	4.50A	4.50	149.59	1	231	1323
18	....	....	....	....	....	....	1323	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1983 150.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
28....	3.50	# 3.50	* 2.40	2.55	2.55	145.35	.....	520	380
31....	2.30	3.00B	* 2.25	3.00B	3.00	147.20	.....	300	266
				IN FEBRUARY					
1....	2.80	2.95	* 1.65	1.65	1.65	143.25	.....	135	337
2....	1.35	2.05	* 1.30	1.55	1.55	144.05	.....	178	372
3....	1.60@.70	2.25	1.60	1.85B	1.85	144.90	.....	154	429
4....	1.85	2.80	1.75	2.80@.75A	2.75	148.40	.....	301	625
7....	2.50	3.10B	2.30	2.65B	2.65	148.55	.....	414	910
8....	2.70	2.95	1.50	1.60	1.60	146.15	.....	443	1218
9....	1.70	1.75	1.35	1.55	1.55	146.15	.....	283	1239
10....	1.80	3.25	1.80	3.20@.25	3.20	150.00	.....	446	1445
11....	3.40	# 3.60	2.50	2.50A	2.50	148.80	.....	452	1669
14....	2.55	# 3.70	2.55	3.45	3.45	150.95	.....	407	1844
15....	3.60@.45	3.60	2.35A	2.45	2.45	149.35	.....	425	1922
16....	3.20@.25	3.45	2.00	2.10	2.10	148.25	.....	353	1939
17....	2.20	2.70	1.55	2.45	2.45	149.05	.....	373	2045
18....	2.55	3.00	* 2.30	2.60	2.60	149.25	.....	203	2157
21....	Exchanged Closed, President's Day								
22....	2.60	2.70	1.00	1.10	1.10	146.25	.....	857	2488
23....	1.15	2.00	1.15	1.85@.90	1.85	148.60	.....	460	2716
24....	1.90	3.60B	1.90	3.40	3.40	151.70	.....	681	2820
25....	3.60	# 3.80	2.65	2.65	2.65	151.00	.....	350	2849
28....	2.05	2.30	1.40	1.75B	1.75	149.20	.....	651	3105
				IN MARCH					
1....	2.30	3.60B	2.30	3.60B	3.60	152.50	.....	592	3174
2....	3.65	# 4.05	3.20	3.65@.60	3.60	152.55	.....	522	3003
3....	3.80@.4.00	# 5.25	3.80	4.35	4.35	153.25	.....	326	3007
4....	4.00	4.90B	3.50	4.55B	4.55	153.65	.....	306	3078
7....	3.55	4.40	3.10	4.30@.20	4.30	153.40	.....	282	3198
8....	3.75	3.90B	2.10	2.10A	2.10	151.10	.....	255	3314
9....	2.30	3.40	2.00	3.30A	3.30	152.85	.....	530	3412
10....	3.35	3.80	1.70	1.90	1.90	150.95	.....	201	3404
11....	2.10	2.10	1.05	1.80@.90	1.85	151.25	.....	374	3552
14....	1.85@.90	2.15	* 0.85	1.80	1.80	151.55	.....	199	3652
15....	1.10	1.90	1.10	1.65A	1.65	151.50	.....	318	3730
16....	1.25	1.80	* 0.15	0.20	0.20	149.20	.....	384	3514
17....	0.25	0.25	* 0.05	0.05	0.05	149.59	.....	508	.....
18....	.....	.....	.....	.....	.....	.....	.....	27	.....
21....	.....	.....	.....	.....	.....	.....	.....	13	.....

MARCH 1983 155.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
28....	1.25	# 1.40	* 1.20	1.20	1.20	145.35	.....	5	5
31....	1.10	1.40B	* 1.10	1.40B	1.40	147.20	.....	31	34

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1983 155.00 CALLS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	1.30	1.35	0.95	0.95	0.95	143.25	....	8	38
2	0.80	0.80	* 0.70A	0.70A	0.70	144.05	....	13	38
3	....	0.95B	....	0.85B	0.85	144.90	....	....	36
4	1.10	1.35B	1.10	1.30B	1.30	148.40	....	3	39
7	1.20	1.40	1.10A	1.25	1.25	148.55	....	36	34
8	1.40	1.40	0.80A	0.80A	0.80	146.15	....	2	36
9	0.70	0.70	* 0.55	0.60	0.60	146.15	....	2	38
10	0.85	1.15B	0.85	1.15B	1.15	150.00	....	6	39
11	1.50	# 1.70	1.00	1.05A	1.05	148.80	....	98	105
14	1.10	1.65	1.10	1.45	1.45	150.95	....	37	125
15	1.20	1.50B	0.75	1.00B	1.00	149.35	....	29	131
16	1.15	1.30	0.85	0.85	0.85	148.25	....	77	164
17	0.85	0.90	* 0.50	0.90	0.90	149.05	....	30	166
18	0.90	1.10	0.90	1.00	1.00	149.25	....	28	182
21	Exchanged Closed, President's Day								
22	1.00	1.00	0.50	0.50	0.50	146.25	....	50	171
23	0.50	0.60B	0.50	0.60B	0.60	148.60	....	31	183
24	0.60	1.15	0.60	1.15	1.15	151.70	....	56	189
25	1.45	1.45	0.85	0.90	0.90	151.00	....	88	220
28	0.75@.55	0.80	* 0.35	0.55	0.55	149.20	....	157	237

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	0.80	1.30	0.75	1.30	1.30	152.50	....	127	251
2	1.30@.25	1.30	0.80	1.00	1.00	152.55	....	367	441
3	1.15	1.60	1.05	1.20	1.20	153.25	....	157	447
4	1.15	1.50	0.85	1.45	1.45	153.65	....	219	388
7	1.00	1.20	0.60	1.10	1.10	153.60	....	103	405
8	0.95	0.95	0.40	0.40	0.40	151.10	....	159	464
9	0.40	0.85	0.40	0.80	0.80	152.85	....	104	470
10	0.95	0.95	* 0.15	0.20@.15	0.20	150.95	....	250	549
11	0.25	0.30	* 0.10	0.15	0.15	151.25	....	237	599
14	0.15	0.15	* 0.05	0.10	0.10	151.55	....	72	583
15	0.10	0.10	0.05	0.05	0.05	151.50	....	47	634
16	0.10	0.10	0.05	0.05	0.05	149.20	....	18	641
17	....	....	....	....	....	....	....	2	....

MARCH 1983 160.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	0.50	# 0.50	* 0.50	0.50	0.50	152.50	....	6	6
2	0.50	# 0.70B	* 0.30	0.50	0.50	152.55	....	2	7
3	0.35	0.45	0.35	0.40	0.40	153.25	....	52	53
4	0.40	0.50	0.40	0.50	0.50	153.65	....	7	53
7	....	....	0.30A	0.30A	0.30	153.60	....	....	53
8	0.30	0.35	* 0.25	0.30A	0.30	151.10	....	12	50
9	....	....	* 0.10A	0.10A	0.10	152.85	....	....	50
10	....	....	* 0.05A	0.05A	0.05	150.95	....	....	50
11	....	....	....	0.05N	0.05	151.25	....	....	50
14	....	....	....	0.05N	0.05	151.55	....	....	50
15	....	....	....	0.05N	0.05	151.50	....	....	51
16	....	....	....	0.05N	0.05	149.20	....	....	51
17	....	....	....	0.05N	0.05	149.59	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 140.00 CALLS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
4....	9.50@.75	# 9.90B	* 9.50	9.90B	9.90	149.30	....	2	1
7....	10.50	#11.20B	10.50	11.20B	11.20	149.55	....	2	3
8....	....	#11.75B	....	11.20N	11.20	147.20	....	....	3
9....	....	....	10.75A	10.75A	10.75	147.15	....	....	3
10....	....	#12.60B	....	12.60B	12.60	151.15	....	....	3
11....	....	#13.05B	....	13.05B	13.05	149.80	....	....	2
14....	....	#13.10B	....	13.10B	13.10	152.05	....	....	2
15....	....	#14.00B	12.10A	12.10A	12.10	150.50	....	....	2
16....	....	13.50B	....	12.10N	12.10	149.30	....	....	2
17....	....	....	11.95A	12.10N	12.10	150.05	....	....	2
18....	....	13.00B	....	13.00B	13.00	150.40	....	....	2
21....	Exchange Closed, President's Day								
22....	....	13.50B	12.00A	12.00A	12.00	147.60	....	....	2
23....	....	12.50B	11.80A	12.50B	12.50	149.80	....	....	2
24....	....	#14.10B	....	14.10B	14.10	153.00	....	....	2
25....	....	#15.75B	....	14.10N	14.10	152.30	....	....	2
28....	....	....	13.00A	13.00A	13.00	150.40	....	...	2

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	15.00B	....	15.00B	15.00	153.90	....	....	2
2....	....	15.50B	....	15.50B	15.50	153.95	....	....	2
3....	....	#15.80B	....	15.80B	15.80	154.60	....	....	2
4....	....	#16.00B	15.50A	15.80N	15.80	155.00	....	....	2
7....	....	....	15.70A	15.70A	15.70	154.85	....	....	2
8....	....	....	14.40A	14.40A	14.40	152.25	....	....	2
9....	....	15.55B	....	15.55B	15.55	153.80	....	....	2
10....	....	16.00B	14.00A	14.00A	14.00	151.60	....	....	2
11....	....	14.30B	12.50A	14.30B	14.30	151.85	....	....	2
14....	....	...	13.25A	14.30N	14.30	152.25	....	....	2
15....	....	....	13.75A	14.30N	14.30	152.45	....	....	2
16....	14.20	14.20	11.50A	11.50A	11.50	149.20	....	20	22
17....	11.30	11.30	11.20A	11.20A	11.20	149.35	....	10	32
18....	....	12.20B	....	12.20B	12.20	150.35	....	....	32
21....	....	13.30B	12.00A	13.30B	13.30	152.30	....	....	32
22....	....	....	13.20A	13.30N	13.30	151.10	....	....	32
23....	....	15.50B	12.80A	15.50B	15.50	154.70	....	....	32
24....	....	15.60B	....	15.60B	15.60	154.85	....	....	32
25....	15.50	15.50	14.00A	14.25A	14.25	153.75	....	1	33
28....	14.20	14.50B	14.10A	14.10A	14.10	153.15	....	10	42
29....	14.10	14.80B	14.10	14.10	14.10	152.30	....	1	43
30....	....	15.00B	14.00A	15.00B	15.00	154.55	....	....	43
31....	....	15.40B	13.50A	13.50A	13.50	151.90	....	....	43

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	13.90B	....	13.90B	13.90	153.20	....	....	43
5....	....	14.20B	12.50A	12.50A	12.50	151.75	....	....	43
6....	....	12.55B	11.20A	12.10A	12.10	151.35	....	....	43
7....	....	....	....	12.10N	12.10	151.80	....	....	43
8....	....	12.50B	11.90A	12.50B	12.50	151.85	....	....	43
11....	14.25	15.50B	14.25	15.50B	15.50	155.10	....	10	53
12....	....	15.70B	15.00A	15.70B	16.60	155.60	....	....	43
13....	....	#16.85B	16.20A	16.85B	16.85	156.35	....	....	43
14....	16.50	#18.70B	16.50	18.70B	18.70	158.40	....	18	35
15....	....	....	18.00A	18.50A	18.50	158.20	....	2	35
18....	....	#19.20B	18.30A	19.20B	19.20	159.05	....	....	35
19....	....	....	18.20A	18.20A	18.20	157.95	....	....	35
20....	....	#20.20B	....	20.20B	20.20	160.20	....	....	34
21....	....	....	19.70A	19.70A	19.75	159.75	....	....	34
22....	....	19.80B	....	19.80B	19.80	159.80	....	....	34
25....	....	....	18.20A	18.20A	18.20	158.15	....	....	34
26....	....	#22.00B	....	22.00B	22.00	162.15	....	....	33
27....	....	#22.10B	21.90A	21.90A	21.90	161.90	....	....	33
28....	....	#23.30B	....	23.30B	23.30	163.30	....	....	33
29....	....	#24.15B	....	24.15B	24.15	164.25	....	....	33

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 140.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2	....	#24.30B	23.05A	23.05A	23.05	163.05	....	....	33
3	....	23.30B	22.95A	23.10B	23.10	163.20	....	....	33
4	....	#24.20B	....	24.20B	24.20	164.20	18	....	15
5	....	....	....	24.20N	24.20	164.85	....	....	15
6	....	....	....	24.20N	27.50	167.50	1	....	14
9	....	....	27.10A	27.10A	27.10	167.10	....	....	14
10	....	#27.30B	....	27.10N	27.10	167.10	....	....	14
11	....	....	26.00A	26.00A	26.00	166.00	10	....	4
12	....	....	25.15A	25.15A	25.15	165.15	....	....	4
13	....	25.80B	....	25.80B	25.80	165.85	....	....	4
16	....	....	23.50A	24.10A	24.10	164.25	....	....	4
17	....	24.40B	....	24.40B	24.40	164.55	....	....	4
18	....	....	23.00A	23.00A	23.00	163.05	....	....	4
19	....	23.15B	....	23.00N	22.15	162.15	....	....	4
20	....	....	22.00A	22.00A	22.00	161.95	....	....	4
23	....	23.90B	21.70A	23.90B	23.90	163.95	....	....	4
24	....	26.00B	....	26.00B	26.00	166.15	....	....	4
25	....	27.00B	25.80A	27.00B	26.90	166.90	....	....	4
26	....	....	26.15A	26.15A	26.15	166.15	....	....	4
27	....	....	25.50A	25.60A	25.60	165.60	....	....	4
30	Exchange Closed, Memorial Day								
31	....	....	22.00A	22.20A	22.20	162.20	....	....	4
				IN JUNE					
1	....	....	....	22.20N	22.95	162.95	....	....	4
2	....	....	....	22.95N	24.45	164.45	....	....	4
3	....	....	....	24.45N	24.65	164.65	....	....	4
6	....	....	24.60A	24.65N	25.45	165.45	....	....	4
7	....	....	21.90A	21.90A	21.90	161.90	....	....	4
8	....	22.10B	....	21.90N	20.95	160.95	1	....	3
9	21.50	21.50	21.25A	21.50	21.90	161.90	....	2	2
10	22.40	22.40	21.80A	22.40	22.50	162.50	....	1	2
13	....	25.00B	....	25.00B	25.00	165.50	1	...	1
14	....	....	24.90A	25.00N	25.35	165.35	....	....	1
15	....	....	....	25.35N	27.75	167.85	....	....	1
16	....	....	....	27.75N	29.15	169.14	....	....	1
17	....	....	....	....	....	....	1	....	....

JUNE 1983 145.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
28	8.00	# 8.10	* 8.00	8.10	8.10	146.20	....	4	3
31	8.00	# 8.90B	* 7.80A	8.90B	8.90	148.05	....	18	20
				IN FEBRUARY					
1	7.80	7.80	* 7.25A	7.25A	7.25	144.05	....	5	25
2	6.30	7.30B	* 6.30	6.30	6.30	144.95	....	....	25
3	7.50	7.50	7.50	7.50	7.50	145.80	....	2	23
4	8.10	8.75B	7.30A	8.75B	8.75	149.30	....	....	23
7	....	# 9.25B	....	8.95B	8.95	149.55	....	1	23
8	8.20	9.00B	8.20	8.20	8.20	147.20	....	2	24
9	....	....	7.75A	7.75A	7.75	147.15	....	....	24
10	8.50	# 9.60B	8.50	9.60B	9.60	151.15	....	3	27
11	9.85	#10.45B	8.50	9.20B	9.20	149.80	....	13	36
14	....	#10.50B	....	10.50B	10.50	152.05	....	1	36
15	....	#10.75B	9.65A	9.65A	9.65	150.50	....	....	36
16	....	10.50B	9.20A	9.20A	9.20	149.30	....	....	34
17	8.75	9.25B	8.75	8.85B	8.85	150.05	....	5	40
18	....	9.30B	....	9.30B	9.30	150.40	....	1	40
21	Exchange Closed, President's Day								
22	....	9.60B	8.00A	8.00A	8.00	147.60	....	....	40
23	8.50	8.90B	7.90A	8.90B	8.90	149.80	....	3	40
24	....	#11.00B	....	11.00B	11.00	153.00	....	....	40
25	11.50	#12.00B	10.50	10.50	10.50	152.30	....	5	40
28	8.75	9.30B	8.70A	8.70A	8.70	150.40	....	2	40

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 145.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	11.00B	....	11.00B	11.00	153.90	....	1	39
2....	11.50	#12.10	11.50	12.00A	12.00	153.95	....	13	46
3....	....	#12.25B	....	12.25B	12.25	154.60	....	12	34
4....	....	#12.50B	12.00A	12.50B	12.50	155.00	....	....	34
7....	11.00	12.50B	11.00	12.50B	12.50	154.85	....	6	35
8....	11.35	11.35	10.80A	10.80A	10.80	152.25	....	5	40
9....	11.10	11.65B	11.10	11.65B	11.65	153.80	....	2	42
10....	11.00	11.70B	9.60	9.60	9.60	151.60	....	3	41
11....	....	9.65B	9.20A	9.20A	9.20	151.85	....	....	41
14....	9.55	10.25B	9.30	10.25B	10.25	152.25	....	16	57
15....	....	10.40B	10.00A	10.40B	10.40	152.45	....	5	57
16....	10.05	10.05	8.10	8.10	8.10	149.20	....	29	80
17....	7.90	8.00B	7.70	8.00B	8.00	149.35	....	25	96
18....	8.50	8.60B	8.00A	8.50	8.50	150.35	....	11	95
21....	8.00	9.40B	8.00	9.40B	9.40	152.30	....	70	90
22....	9.50	9.50	8.50	9.00B	9.00	151.10	....	45	131
23....	9.30	11.50B	8.95A	11.50B	11.50	154.70	....	82	64
24....	....	....	11.10A	11.50N	11.50	154.85	....	....	64
25....	....	....	10.25A	10.35A	10.35	153.75	....	....	64
28....	....	10.50B	10.10A	10.10A	10.10	153.15	....	....	64
29....	....	10.50B	9.50A	9.50A	9.50	152.30	....	....	64
30....	9.90	11.00B	9.90	11.00	11.00	154.55	....	6	68
31....	11.65	11.65	9.45A	9.45A	9.45	151.90	....	2	69
				IN APRIL					
1....	Exchange Closed, Good Friday								
4....	9.20	9.80B	9.10	9.80B	9.80	153.20	....	22	89
5....	8.60	10.20B	8.60	8.70B	8.70	151.75	....	2	89
6....	8.80	8.90B	7.50	8.30B	8.30	151.35	....	44	120
7....	8.60	8.80B	7.70	8.80B	8.80	151.80	....	14	127
8....	8.10	9.00B	8.00A	8.80B	8.80	151.85	....	3	126
11....	10.70	11.00B	10.55A	11.00B	11.00	155.10	....	6	120
12....	10.50	11.70B	10.40	11.70B	11.70	155.60	....	11	129
13....	12.25	#12.50	11.50A	12.40	12.40	156.35	....	18	112
14....	13.75	#14.10B	11.60A	14.10B	14.10	158.40	....	2	128
15....	13.95	14.00B	13.85A	14.00B	14.00	158.20	....	2	112
18....	....	#14.50B	13.60A	14.50B	14.50	159.05	....	....	108
19....	....	....	13.50A	13.60A	13.60	157.95	....	....	108
20....	....	#15.20B	....	15.20B	15.20	160.20	....	....	108
21....	15.20	#15.40	15.10A	15.10A	15.10	159.75	....	9	107
22....	15.50	#15.50	15.25	15.40B	15.40	159.80	5	1	102
25....	....	#15.60B	13.80A	13.80A	13.80	158.15	....	....	102
26....	13.50	#17.30B	13.50	17.30B	17.30	162.15	....	2	104
27....	17.00	17.10B	16.75A	17.10B	17.10	161.90	....	29	102
28....	....	#18.50B	17.05A	18.50B	18.50	163.30	....	....	102
29....	....	....	....	18.50N	19.25	164.25	....	....	101
				IN MAY					
2....	....	#19.30B	18.00A	18.20A	18.20	163.05	....	....	93
3....	....	18.30B	18.10A	18.20N	18.20	163.20	11	10	92
4....	....	19.30B	....	19.30B	19.30	165.35	....	....	92
5....	....	....	....	19.30N	19.30	164.85	10	....	82
6....	19.95	#21.70	19.95	21.70	22.60	167.50	1	19	91
9....	21.10	#22.10B	21.10	22.10B	22.10	167.10	24	4	67
10....	....	#22.30B	....	22.20B	22.20	167.10	1	17	73
11....	....	....	21.00A	21.00A	21.00	166.00	22	....	51
12....	....	....	20.15A	20.15A	20.15	165.15	12	....	29
13....	....	20.80B	....	20.80B	20.80	165.85	5	....	24
16....	....	....	18.50A	19.25A	19.25	164.25	3	....	21
17....	18.65	19.55B	18.65	19.55B	19.55	164.55	....	10	21
18....	....	20.00B	18.00A	18.00A	18.00	163.05	10	....	11
19....	....	18.40B	....	18.00N	17.15	162.15	....	....	11
20....	....	17.20B	17.00A	17.00A	17.00	161.95	....	....	11
23....	15.30	18.90B	15.30	18.90B	18.90	163.95	....	1	11
24....	....	21.00B	18.80A	21.00B	21.00	166.15	1	....	10
25....	....	22.00B	20.85A	22.00B	21.90	166.90	....	....	10
26....	....	22.00B	21.15A	21.15A	21.15	166.15	....	....	10
27....	....	....	20.50A	20.60A	20.60	165.60	1	....	9
30....	Exchange Closed, Memorial Day								
31....	....	....	17.00A	17.20A	17.20	162.20	....	....	9

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 145.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	17.85@.90	17.90	17.85	17.90	17.95	162.95	....	5	9
2	....	....	....	17.95N	19.45	164.45	5	....	4
3	....	....	19.30A	19.30A	19.65	164.65	....	....	4
6	....	....	19.60A	19.65N	20.45	165.45	....	....	4
7	....	....	16.90A	16.90A	16.90	161.90	....	....	4
8	....	17.05B	....	16.90N	15.95	160.95	....	....	4
9	....	16.50B	....	15.95N	16.90	161.90	....	....	4
10	....	17.50B	16.80A	17.50B	17.50	162.50	....	....	4
13	....	20.25B	....	20.25B	20.25	165.50	....	....	4
14	....	....	19.90A	20.25N	20.35	165.35	....	....	4
15	....	....	....	20.35N	22.75	167.85	....	....	4
16	....	....	....	22.75N	24.15	169.14	....	....	4
17	....	....	....	....	....	....	4	....	....

JUNE 1983 150.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
28	4.70	# 5.90B	• 4.70	5.40	5.40	146.20	....	9	6
31	....	# 6.00B	....	5.80B	5.80	148.05	....	4	6

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	5.25	# 6.10B	4.70A	4.70A	4.70	144.05	....	1	6
2	....	4.80B	• 4.50A	4.70N	4.70	144.95	....	....	6
3	....	4.90B	....	4.70N	4.70	145.80	....	....	6
4	....	5.00B	4.65A	5.00B	5.00	149.30	....	....	6
7	6.75	# 7.00	6.50A	6.50A	6.50	149.55	....	2	7
8	6.50	6.55B	5.20A	5.20A	5.20	147.20	....	4	11
9	....	....	4.95A	5.20N	5.20	147.15	....	....	9
10	6.30	6.80B	6.30	6.80B	6.80	151.15	....	1	10
11	7.10	# 7.15B	7.00	7.00	7.00	149.80	....	2	11
14	7.70	# 8.00	6.90A	8.00	8.00	152.05	....	1	12
15	8.00	8.00	7.00A	7.00A	7.00	150.50	....	1	12
16	....	7.70B	6.00A	6.00A	6.00	149.30	....	2	13
17	6.00	6.50B	6.00	6.50B	6.50	150.05	....	5	19
18	7.00	7.05	7.00	7.05	7.05	150.40	....	1	20
21	Exchange Closed, President's Day								
22	....	....	6.00A	6.00A	6.00	147.60	....	1	20
23	....	6.60B	....	6.60B	6.60	149.80	....	....	20
24	6.70	7.50	6.50	7.50	7.50	153.00	....	9	29
25	7.50	# 8.30	7.40A	7.40A	7.40	152.30	....	5	30
28	6.50	7.50	6.00A	6.20	6.20	150.40	....	4	32

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	7.50	8.10B	7.25	8.10B	8.10	153.90	....	12	41
2	8.00	# 8.50B	8.00	8.50B	8.50	153.95	....	1	43
3	8.85	# 9.20B	8.85	9.00	9.00	154.60	....	15	58
4	9.00	9.00	8.80A	9.00	9.00	155.00	....	20	77
7	7.80	8.70	7.80	8.70	8.70	154.85	....	5	77
8	7.90	8.30	7.00	7.30@.00	7.20	152.25	....	35	84
9	7.95	8.45B	7.95	8.45B	8.45	153.80	....	5	88
10	8.40	8.50B	7.00	7.00	7.00	151.60	....	12	96
11	7.05	7.20B	6.10	7.05@.20B	7.10	151.85	....	19	108
14	6.10	7.10B	6.10	7.10B	7.10	152.25	....	35	122
15	6.90	7.40	6.60	7.30@.40	7.35	152.45	....	34	135
16	6.95	7.10	5.50A	5.50A	5.50	149.20	....	69	153
17	5.30	5.60	5.10	5.60	5.60	149.35	....	62	178
18	5.40	5.75	4.95	5.65	5.65	150.35	....	118	252
21	5.40	6.35	5.20	6.35	6.35	152.30	....	195	327
22	6.30	6.30	5.50A	5.60	5.60	151.10	....	146	426
23	5.80	8.00	5.80	7.60@.70	7.65	154.70	....	268	330
24	7.55@.50	8.05	7.20	7.90B	7.90	154.55	....	50	345
25	7.80	7.85B	6.60	7.00	7.00	153.15	....	30	359
28	7.10	7.25	6.30	6.80	6.80	153.15	....	31	375
29	7.05	7.25	6.20A	6.20A	6.20	152.30	....	21	373
30	6.55	7.55	6.50	7.55	7.55	154.55	....	30	367
31	7.95	8.35	5.65A	5.65A	5.65	151.90	....	73	392

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 150.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	6.00	6.50	5.70	6.50	6.50	153.20	....	109	388
5....	6.70	6.95	5.45	5.45	5.45	151.75	....	143	459
6....	5.65	5.65	4.45	5.30	5.30	151.35	....	237	611
7....	5.50	5.55	4.50	5.55	5.55	151.80	....	153	634
8....	5.25	5.60	4.95	5.55	5.55	151.85	....	146	745
11....	6.05	7.25B	6.05	7.25B	7.25	155.10	....	98	669
12....	7.30	7.60	6.80	7.55B@.60	7.55	155.60	....	245	579
13....	7.65	8.75	7.50A	8.30	8.30	156.35	....	135	594
14....	8.35@.40	# 9.95B	7.95A	9.95B	9.95	158.40	....	56	595
15....	9.50	#10.20	9.40A	9.80A	9.80	158.20	....	59	613
18....	9.65	#10.75	9.20	10.60A	10.60	159.05	....	47	590
19....	9.75	9.75	9.00	9.55	9.55	157.95	....	37	579
20....	9.80	#11.60	9.70	11.50A	11.50	160.20	....	27	570
21....	11.30	11.45B	10.40	11.00B	11.00	159.75	....	9	568
22....	10.90	11.40B	10.80	11.00A	11.00	159.80	....	14	557
25....	11.35	11.35	9.45A	9.55	9.55	158.15	....	45	537
26....	9.45	#12.90B	9.45	12.90B	12.90	162.15	....	15	536
27....	13.15	#13.20	11.00	12.60B	12.60	161.90	....	16	526
28....	12.50	#13.90B	12.40A	13.90B	13.90	163.30	....	205	498
29....	13.50	#14.75B	13.50	14.25	14.25	164.25	....	4	490
IN MAY									
2....	13.85	14.45B	12.90	13.55B	13.55	163.05	....	12	482
3....	13.35	13.70B	12.40	13.70B	13.70	163.20	....	44	481
4....	14.90	#14.90	13.50A	14.50A	14.50	164.20	....	2	476
5....	14.85	#15.10B	14.40A	15.10B	15.10	164.85	....	2	456
6....	....	#17.65B	....	17.65B	17.65	167.50	....	....	455
9....	16.80	17.40B	16.25	17.20A	17.20	167.10	9	10	441
10....	17.60@.65	#17.80	17.60	17.65	17.30	167.10	....	40	421
11....	16.50	16.50	15.80A	16.10A	16.10	166.00	4	32	396
12....	16.00	16.00	15.00A	15.35A	15.35	165.15	....	10	396
13....	....	16.20B	....	16.00B	16.00	165.85	....	....	396
16....	13.90	14.40B	13.90	14.40B	14.40	164.25	5	....	391
17....	....	14.55B	13.80A	14.55B	14.55	164.55	....	19	372
18....	15.60	15.60	13.10A	13.10A	13.10	163.05	....	3	372
19....	....	13.40B	12.30A	12.30A	12.30	162.15	....	4	370
20....	12.05	12.05	11.35A	12.05	12.15	161.95	1	2	370
23....	13.95	13.95	10.75A	13.95	13.95	163.95	....	4	368
24....	16.10	16.10	13.80A	16.10	16.10	166.15	....	5	364
25....	17.05	17.05	16.00A	17.00	16.90	166.90	248	25	131
26....	....	17.00B	16.15A	16.15A	16.15	166.15	18	....	111
27....	....	....	15.45A	15.45A	15.60	165.60	52	....	54
30....	Exchange Closed, Memorial Day								
31....	14.60	14.60	12.25A	12.25A	12.25	162.20	2	6	49
IN JUNE									
1....	....	....	12.20A	12.25N	12.95	162.95	....	....	49
2....	....	13.50B	12.80A	13.30B	14.45	164.45	....	....	49
3....	....	15.00B	14.30A	15.00B	14.65	164.65	....	....	49
6....	....	....	14.10A	14.65N	15.45	165.45	....	....	49
7....	....	....	11.90A	11.90A	11.90	161.90	....	....	49
8....	....	12.00B	....	11.90N	10.95	160.95	....	....	49
9....	....	11.50B	10.55A	11.00B	11.90	161.90	....	....	49
10....	....	12.00B	....	11.90N	12.50	162.50	....	....	49
13...	15.30	15.30	14.00A	15.30	15.30	165.50	....	6	55
14....	14.90	14.90	14.90	14.90	15.35	165.35	4	1	52
15....	....	....	....	15.35N	17.75	167.85	....	1	51
16....	....	#18.90B	....	18.90B	19.15	169.14	....	....	49
17....	....	....	....	....	....	....	49	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 155.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31....	5.00	# 5.00	* 5.00	5.00	5.00	148.05	....	....	....
IN FEBRUARY									
1....	....	# 5.05B	* 4.00A	4.00A	4.00	144.05	....	....	....
2....	3.00	3.75B	* 3.00	3.00	3.00	144.95	....	....	....
3....	....	3.05B	....	3.00N	3.00	145.80	....	1	1
4....	....	....	....	3.00N	3.00	149.30	....	....	1
7....	5.00	5.00	5.00	5.00	5.00	149.55	....	1	1
8....	4.30	4.30	4.25	4.25	4.25	147.20	....	2	2
9....	....	....	3.50A	3.50A	3.50	147.15	....	....	2
10....	....	3.95B	....	3.95B	3.95	151.15	....	1	3
11....	....	4.50B	....	4.50B	4.50	149.80	....	....	3
14....	....	# 5.50B	....	5.50B	5.50	152.05	....	....	3
15....	5.55	# 5.55	5.00A	5.55	5.55	150.50	....	1	4
16....	5.50	# 5.70B	5.30A	5.30A	5.30	149.30	....	3	5
17....	5.00	5.00	4.30A	5.00	5.00	150.05	....	2	7
18....	5.00	5.05B	4.75	4.75	4.75	150.40	....	2	9
21....	Exchange Closed, President's Day								
22....	....	....	4.05A	4.05A	4.05	147.60	...	3	10
23....	....	4.20B	....	4.20B	4.20	149.80	....	....	10
24....	4.75	5.20B	4.75	5.20B	5.20	153.00	....	2	11
25...	5.00	5.30B	4.80	5.10	5.10	152.30	....	3	11
28....	....	....	3.90A	3.90A	3.90	150.40	....	3	11
IN MARCH									
1...	4.75	5.60B	4.75	5.60B	5.60	153.90	....	18	24
2....	5.60	5.60	5.50A	5.60	5.60	153.95	....	1	25
3....	6.20	# 6.40B	5.55A	6.20	6.20	154.60	....	3	25
4....	6.00	# 6.65B	5.50	6.65B	6.65	155.00	....	8	24
7....	6.50@.45	6.50	5.35	6.20B	6.20	154.85	....	13	32
8....	5.00	5.40	4.50A	4.50A	4.50	152.25	....	16	42
9....	5.00	5.40	5.00	5.40	5.40	153.80	....	3	42
10....	5.70	5.70	4.60	4.60	4.60	151.60	....	8	44
11....	4.10	4.65B	4.10	4.40	4.40	151.85	....	49	73
14....	4.30@.45	4.65	4.00	4.40	4.40	152.25	....	60	109
15....	4.40	4.50	4.30	4.50	4.50	152.45	....	12	117
16....	4.40@.50	4.80	3.40A	3.40A	3.40	149.20	....	48	142
17....	3.50	3.65	3.20	3.55A	3.55	149.35	....	38	156
18...	3.50	3.60	3.00	3.20	3.20	150.35	....	28	171
21....	3.10@.05	3.95B	3.05	3.95B	3.95	152.30	....	56	203
22....	3.75	3.75	3.05	3.15	3.15	151.10	...	84	256
23...	3.35	4.85	3.35	4.65	4.65	154.70	....	214	255
24....	4.70	5.00	4.35	4.90	4.90	154.85	....	158	272
25....	4.90	4.90	3.90A	4.00@.10	4.05	153.15	....	82	295
28....	4.15	4.25	3.80	4.00	4.00	153.15	....	92	309
29....	4.25	4.50	3.70	3.80	3.80	152.30	...	94	338
30....	3.95	4.65	3.90	4.65	4.65	154.55	....	79	338
31....	4.80	5.20	3.15	3.25	3.25	151.90	....	224	433
IN APRIL									
1....	Exchange Closed, Good Friday								
4....	3.50	3.70	3.30	3.70	3.70	153.20	....	109	443
5....	4.00	4.10	3.10	3.40@.30	3.35	151.75	....	189	440
6....	3.25	3.25	* 2.60	3.05	3.05	151.35	....	84	446
7....	3.10	3.20B	* 2.55	3.10	3.10	151.80	....	191	537
8....	3.15	3.20	2.70	3.10B	3.10	151.85	....	88	522
11...	3.30@.50	4.35	3.30	4.30	4.30	155.10	....	146	562
12....	4.40	4.50	3.85	4.45B@.50	4.45	155.60	....	250	669
13....	4.30	5.25	4.30	4.85	4.85	156.35	....	350	811
14....	5.05	6.10B	4.55	6.10B	6.10	158.40	....	127	855
15....	5.85@6.00	6.55	5.80	6.25A	6.25	158.20	....	104	813
18....	6.00	# 6.85B	5.80	6.80	6.80	159.05	....	118	821
19....	6.45	6.45	5.45	5.90B	5.90	157.95	1	203	836
20....	6.25	# 7.50	6.00	7.40A	7.40	160.20	....	243	849
21....	7.35	# 7.60B	6.80	7.20	7.20	159.75	....	108	885
22....	7.15	# 7.75	7.05A	7.30	7.30	159.80	....	123	825
25....	7.40	7.50B	5.85A	6.00	6.00	158.15	....	90	796
26....	5.80	# 8.65B	5.70	8.65B	8.65	162.15	...	94	836
27...	8.60	# 9.00	7.35	8.40B	8.40	161.90	....	60	831
28....	8.60	# 9.90	8.20	9.80A	9.80	163.30	1	107	905
29....	9.90	#10.60	9.25A	10.50	10.50	164.25	....	32	869

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 155.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2....	9.50	9.50	8.60	9.00@.30	9.30	163.05	....	37	886
3....	8.40	9.40	8.30A	9.40	9.40	163.20	....	62	888
4....	9.80	10.55	9.10A	10.20A	10.20	164.20	....	17	882
5....	9.70	10.60B	9.70	10.40@.50B	10.50	164.85	....	505	853
6....	10.90	#13.00B	10.85	13.00B	13.00	167.50	....	49	830
9....	11.75	#13.10B	11.75	12.60B	12.60	167.10	....	16	822
10....	12.60	12.70B	12.50	12.50	12.50	167.10	....	12	816
11....	....	....	10.70A	10.70A	10.70	166.00	2	....	810
12....	....	11.20B	10.30A	10.70N	10.70	165.15	....	....	810
13....	....	11.40B	....	11.30B	11.30	165.85	....	....	810
16....	....	....	9.00A	9.80A	9.80	164.25	....	....	806
17....	9.50	9.90	8.60	9.90	9.90	164.55	....	95	897
18....	10.75@.60	10.75	8.50A	8.50A	8.50	163.05	....	13	901
19....	8.70	9.05	7.40	7.70B	7.70	162.15	....	12	893
20....	7.20	7.40B	7.10A	7.35B	7.35	161.95	....	18	903
23....	9.20	9.20	6.40A	9.20	9.20	163.95	....	6	899
24....	11.20	11.20	8.90A	11.20	11.20	166.15	....	2	890
25....	10.60	12.00	10.60	12.00	12.00	166.90	....	44	918
26....	11.10	12.00B	11.10	11.10	11.25	166.15	....	2	920
27....	11.00	11.00	10.60A	10.60A	10.75	165.60	1	1	897
30....	Exchange Closed, Memorial Day								
31....	7.00	7.60	7.00	7.45A	7.45	162.20	....	2	896

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	7.90	8.15B	6.50	8.10B	8.15	162.95	....	13	890
2....	8.75	9.40	7.80A	9.40	9.55	164.45	....	55	892
3....	9.80	9.80	9.40A	9.70	9.70	164.65	....	25	896
6....	9.85	10.85	8.85A	10.85	10.50	165.45	....	59	861
7....	10.30	10.30	6.90A	7.00A	7.00	161.90	....	45	840
8....	6.75	7.05B	5.90A	6.00	6.05	160.95	1	16	841
9....	6.00	7.20	6.00	7.20	6.95	161.95	....	2	840
10....	7.00	7.80	6.80A	7.60	7.60	162.50	....	6	836
13....	8.25	10.20B	8.25	10.20B	10.20	165.50	1	1	832
14....	11.10	11.10	9.90A	10.95	10.35	165.35	4	1	828
15....	10.40	12.60B	10.30A	12.60B	12.75	167.85	47	4	778
16....	....	#13.90B	....	13.90B	14.15	169.14	19	....	739
17....	....	....	....	....	....	....	739	....	....

JUNE 1983 160.00 CALLS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
15....	2.50	# 2.50	* 2.50	2.50	2.50	150.50	....	4	2
16....	3.25	# 3.25	3.00A	3.00A	3.00	149.30	....	1	3
17....	....	3.25B	2.80A	3.05B	3.05	150.05	....	....	3
18....	3.00	3.20B	2.95	2.95	2.95	150.40	....	2	4
21....	Exchange Closed, President's Day								
22....	....	....	* 2.45A	2.45A	2.45	147.60	....	1	3
23....	2.10	2.40B	# 2.05A	2.40B	2.40	149.80	....	4	5
24....	3.30	# 3.30	3.25A	3.25A	3.25	153.00	....	1	5
25....	3.25	3.30B	3.25	3.25	3.25	152.30	....	3	6
28....	....	....	2.50A	2.60A	2.60	150.40	....	....	6

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 160.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	# 3.60B	....	3.60B	3.60	153.90	....	....	8
2....	4.00	# 4.00	3.70A	4.00	4.00	153.90	....	4	12
3....	4.00	# 4.40B	3.90A	3.90A	3.90	154.60	....	25	37
4....	3.25	4.00	3.25	4.00	4.00	155.00	....	12	49
7....	3.80	3.90	3.30	3.60B	3.60	154.85	....	8	57
8....	3.50	3.50	2.80A	2.90A	2.90	152.25	....	18	68
9....	3.35	3.40B	3.30A	3.40B	3.40	153.80	....	1	67
10....	3.30	3.60	3.00A	3.00A	3.00	151.60	....	2	68
11....	3.20	3.20	2.55	2.70B	2.70	151.85	....	70	132
14....	2.70	2.80	2.40A	2.70A	2.70	152.25	....	18	139
15....	2.60	2.70B	2.60	2.70B	2.70	152.45	....	4	141
16....	2.65	2.65	* 1.90	1.90	1.90	149.20	....	21	158
17....	1.90	1.95B	* 1.70	1.90	1.90	149.35	....	25	163
18....	2.00	2.00	1.70A	1.80	1.80	150.35	....	22	170
21....	1.75	1.95B	1.70A	1.95B	1.95	152.30	....	21	179
22....	1.90@.85	1.95B	* 1.50A	1.65A	1.65	151.10	....	32	188
23....	1.85	2.55B	1.85	2.55B	2.55	154.70	....	38	206
24....	2.55	2.80	2.35	2.60B	2.60	154.85	....	56	220
25....	2.60@.65	2.75	2.10	2.30	2.30	153.75	....	53	224
28....	2.40	2.50	2.10	2.25	2.25	153.15	....	38	228
29....	2.35	2.35	2.05	2.05A	2.05	152.30	....	5	228
30....	2.25	2.60	2.10	2.60	2.60	154.55	....	17	233
31....	2.75	2.90	1.80	1.90	1.90	151.90	....	101	302
				IN APRIL					
1....	Exchange Closed, Good Friday								
4....	1.90	2.00	1.80	2.00B	2.00	153.20	....	16	301
5....	2.15@.20	2.30	1.60	1.65A	1.65	151.75	....	140	328
6....	1.60	1.60	* 1.25	1.40B	1.40	151.35	....	8	329
7....	1.55	1.60	1.45	1.60	1.60	151.80	....	24	345
8....	1.50	1.65B	1.30	1.60B	1.60	151.85	....	11	342
11....	1.80	2.05	1.80	2.05	2.05	155.10	....	33	374
12....	2.00	2.10	1.80	2.10	2.10	155.60	....	306	581
13....	2.15	2.60	2.05	2.30B	2.30	156.35	....	365	827
14....	2.40	3.25	2.05	3.25	3.25	158.40	....	212	967
15....	3.05	3.50	2.95	3.40	3.30	158.20	....	45	928
18....	3.25	3.80	2.80	3.80	3.80	159.05	....	187	974
19....	3.20	3.25	2.80	3.05	3.05	157.95	....	121	1065
20....	3.20	4.20	2.90	4.15	4.15	160.20	....	332	1238
21....	4.00	4.35	3.70A	4.00	4.00	159.75	....	196	1301
22....	4.00	# 4.40	3.90	4.00	4.00	159.80	....	176	1377
25....	4.10	4.35	3.00	3.00	3.00	158.15	....	279	1329
26....	3.00	# 5.05	2.85	4.75B@5.05	5.05	162.15	....	226	1483
27....	5.15@.05	# 5.25	4.10	4.75@.90	4.85	161.90	....	212	1530
28....	4.80@.85	# 6.05	4.70A	5.80	5.80	163.30	....	149	1511
29....	5.95	# 6.60	5.40	6.50	6.50	164.25	....	157	1565
				IN MAY					
2....	6.20	6.30	5.20A	5.70	5.70	163.05	....	193	1473
3....	5.60	5.70	4.75	5.60	5.60	163.20	....	215	1445
4....	5.75	6.60	5.35	6.20	6.20	164.20	....	26	1464
5....	5.90	6.60B	5.90	6.40@.60B	6.60	164.85	....	141	1516
6....	6.65	# 8.90	6.65	8.55@.70B	8.70	167.50	....	110	1485
9....	7.70	8.60B	7.30	8.15B	8.15	167.10	....	56	1488
10....	8.55	8.75	8.10	8.10A	8.10	167.10	....	63	1519
11....	7.95	8.25	6.50	7.10B	7.10	166.00	....	25	1496
12....	6.45	6.50	5.90	6.40A	6.40	165.15	....	183	1645
13....	7.20	7.55	6.80	6.95B	6.95	165.85	....	53	1630
16....	5.70	5.70	4.70	5.45B	5.45	164.25	....	256	1738
17....	5.35	5.70	4.60A	5.55A@.40	5.40	164.55	....	184	1707
18....	5.90	6.40B	4.35	4.50@.35	4.45	163.05	....	208	1579
19....	4.60	4.90	3.35	3.65@.55	3.70	162.15	....	146	1673
20....	3.90	3.90	3.10	3.40	3.50	161.95	....	183	1799
23....	2.55	4.90B	2.30	4.90B	4.95	163.95	....	131	1863
24....	4.85	6.60B	4.65	6.60B	6.60	166.15	....	229	1742
25....	6.90	7.30B	5.65	7.30B	7.30	166.90	....	66	1746
26....	7.00	7.55	6.45	6.60A	6.65	166.15	....	123	1729
27....	6.85	7.00B	6.00A	6.00A	6.10	165.60	....	9	1709
30....	Exchange Closed, Memorial Day								
31....	5.00	5.45	2.90	3.30A	3.30	162.20	....	297	1675

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 160.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	3.15	3.90	2.45	3.75A	3.70	162.95	....	531	1971
2....	4.25	4.80	3.40A	4.60	4.75	164.45	....	45	1988
3....	4.90	5.65	4.70A	4.90	4.90	164.65	....	132	2012
6....	4.60	6.00	4.10A	5.50	5.60	165.45	....	80	1945
7....	5.25	2.50	2.50	2.70A@.50	2.50	161.90	....	181	1900
8....	2.70	3.00B	1.70	1.70@.80	1.90	160.95	....	184	2004
9....	2.50@.40	2.70	1.40	2.30A@.25	2.35	161.95	....	459	2355
10....	2.25@.20	3.10	2.20	2.60	2.65	162.50	....	64	2377
13....	3.90	5.30B	3.00	5.30B	5.30	165.50	....	145	2370
14....	5.00	6.00	4.95	5.70A	5.35	165.35	2	105	2333
15....	5.70	7.50B	5.30A	7.50B	7.75	167.85	....	35	2310
16....	8.00	# 9.60B	8.00	9.10	9.15	164.14	126	25	2145
17....	....	....	....	....	....	....	2145	....	....
21....	....	....	....	....	....	....	....	2	....

JUNE 1983 165.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
7....	2.50	# 2.50	* 2.00A	2.50	2.50	154.85	....	1	1
8....	1.85	1.85	* 1.85	1.85	1.85	152.25	....	1	1
9....	....	....	* 1.80A	1.80A	1.80	153.80	....	....	1
10....	1.85	1.95	* 1.60A	1.60A	1.60	151.60	....	6	6
11....	1.65	1.65	* 1.55A	1.55A	1.55	151.85	....	5	11
14....	1.45	1.60B	* 1.45	1.45	1.45	152.25	....	1	12
15....	....	....	....	1.45N	1.45	152.45	....	....	12
16....	....	....	* 1.20A	1.20A	1.20	149.20	....	....	12
17....	....	....	* 1.15A	1.15A	1.15	149.35	....	....	12
18....	1.10	1.10	* 0.85A	1.10	1.10	150.35	....	....	12
21....	....	....	1.00A	1.10N	1.10	152.30	....	....	12
22....	0.90	0.90	* 0.75	0.75	0.75	151.10	....	2	14
23....	0.90	1.25B	0.90	1.25B	1.25	154.70	....	2	15
24....	1.25	1.35	1.20	1.35	1.35	154.85	....	7	22
25....	1.05	1.20	1.05	1.20	1.20	153.15	....	5	27
28....	1.20	1.20	1.20	1.20	1.20	153.15	....	11	27
29....	1.05	1.05	1.00A	1.05	1.05	152.30	....	4	26
30....	1.15	1.15	1.15	1.15	1.15	154.55	....	6	32
31....	1.25	1.50B	0.90A	0.90A	0.90	151.90	....	2	31

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	0.85A	0.90N	0.90	153.20	....	....	31
5....	0.80	1.05B	0.75A	0.75A	0.75	151.75	....	....	31
6....	0.55	0.55	* 0.50A	0.55	0.55	151.35	....	1	31
7....	0.65	0.65	0.60	0.60	0.60	151.80	....	2	34
8....	0.60	0.65B	0.55A	0.60	0.60	151.85	....	8	34
11....	....	0.75B	....	0.75B	0.75	155.10	....	....	34
12....	0.85	1.00	0.80A	1.00	1.00	155.60	....	2	36
13....	1.05	1.15B	1.05	1.10	1.10	156.35	....	4	36
14....	1.25	1.60	0.95A	1.60	1.60	158.40	....	8	41
15....	1.45	1.60	1.45	1.60	1.60	158.20	....	11	42
18....	1.50	1.95B	1.50	1.90B	1.90	159.05	....	116	147
19....	1.50	1.50	1.40	1.45	1.45	157.95	....	60	188
20....	1.45	2.00B	1.45	2.00B	2.00	160.20	....	40	225
21....	1.90	2.05	1.75	1.85	1.85	159.75	....	140	344
22....	1.80	2.05	1.80	2.00	2.00	159.80	....	19	351
25....	2.10	2.10	1.50	1.50	1.50	158.15	....	20	360
26....	1.40	2.50	1.40	2.50	2.50	162.15	....	72	416
27....	2.50@.65	# 2.80	2.00	2.35	2.35	161.90	....	297	543
28....	2.45	# 3.20	2.15	2.95	2.95	163.30	....	392	733
29....	3.00@.05	# 3.50	2.60A	3.35	3.35	164.25	....	154	773

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 165.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2....	3.40	3.40	2.55	2.75	2.75	163.05	....	343	872
3....	2.65	3.00	2.35	2.95	2.95	163.20	....	126	960
4....	3.00	# 3.55B	2.60	3.15	3.15	164.20	....	103	995
5....	3.00	3.45	2.90	3.25	3.25	164.85	....	257	1167
6....	3.30	# 5.20	3.30	4.60	4.60	167.50	....	218	1240
9....	4.10	4.90	3.80	4.30B	4.30	167.10	....	289	1331
10....	4.35	4.85	4.25	4.40	4.40	167.10	....	196	1414
11....	4.25	4.50	3.25	3.60B	3.60	166.00	....	160	1469
12....	3.40	3.40	2.90	3.20A	3.20	165.15	....	381	1340
13....	3.35	3.85B	3.35	3.50	3.50	165.85	....	193	1415
16....	2.55@.50	2.55	1.90	2.45B	2.45	164.25	....	268	1526
17....	2.30	2.45	2.00	2.35B	2.35	164.55	....	275	1691
18....	2.60@.80	2.95	1.70	1.70	1.70	163.05	....	216	1767
19....	1.85	2.00	1.15	1.30	1.30	162.15	....	374	1769
20....	1.40	1.40	1.05	1.15	1.15	161.95	....	245	1713
23....	0.70	1.95	0.65	1.85	1.85	163.95	....	593	1376
24....	1.90	3.00	1.70	2.85	2.85	166.15	....	489	1587
25....	3.25@.10	3.40	2.30	3.30	3.30	166.90	....	363	1655
26....	3.10	3.50	2.60	2.90	2.90	166.15	....	197	1722
27....	3.10	3.10	2.10	2.15	2.20	165.60	....	327	1867
30....	Exchange Closed, Memorial Day								
31....	1.80	1.80	0.70	0.80	0.80	162.20	....	854	2067
				IN JUNE					
1....	0.80	1.10	* 0.05	1.00	0.90	162.95	....	443	1990
2....	1.10@.15	1.40B	0.70	1.30	1.35	164.45	....	442	2197
3....	1.30	1.55B	1.15	1.15	1.15	164.65	....	688	2671
6....	1.20	1.65	0.65	1.35	1.35	165.45	....	422	2601
7....	1.25	1.30	* 0.30	0.30	0.30	161.90	....	417	2973
8....	0.30	0.45	* 0.15	0.25	0.25	160.95	....	1018	2546
9....	0.35	0.35	0.15	0.25	0.25	161.90	....	353	2457
10....	0.25	0.30	0.15	0.25	0.25	162.50	....	190	2543
13....	0.30	0.85	0.25	0.85	0.85	165.50	....	352	2639
14....	0.60	1.45	0.50	0.80	0.85	165.35	....	650	2342
15....	0.80@.85	2.80	0.55	2.70@.80	2.80	167.85	....	736	2384
16....	2.80@.70	4.60B	2.70	4.15	4.15	169.14	....	253	2235
17....	....	....	....	....	....	....	2235	34	....
20....	....	....	....	....	....	....	....	3	....

JUNE 1983 170.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
21....	0.80	# 0.80	* 0.65A	0.65A	0.65	159.75	....	1	1
22....	0.75	0.80	0.75	0.80	0.80	159.80	....	7	8
25....	0.75	# 0.85	0.75	0.75A	0.75	158.15	....	7	15
26....	0.75	# 1.20	0.70A	1.20	1.20	162.15	....	6	18
27....	1.30	# 1.30	0.85	1.10B	1.10	161.90	....	48	60
28....	1.15	# 1.40	1.10	1.40	1.40	163.30	....	20	62
29....	1.50	# 1.80	1.30	1.80	1.80	164.25	....	35	84

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 170.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2....	1.50	1.50	1.15	1.25	1.25	163.05	....	34	91
3....	1.15	1.25B	1.10	1.25B	1.25	163.20	....	25	105
4....	1.15	1.40	1.15	1.40	1.40	164.20	....	13	111
5....	1.30	1.40	1.30	1.40B	1.40	164.85	....	11	114
6....	1.50	# 2.30	1.50	1.75	1.75	167.50	....	635	684
9....	1.50	1.85	1.35	1.70A	1.70	167.10	....	116	711
10....	1.75	2.00	1.75	1.75	1.75	167.10	....	78	723
11....	1.65	1.75	1.50	1.50	1.50	166.00	....	79	740
12....	1.30	1.30	1.00	1.25	1.25	165.15	....	97	773
13....	1.35	1.65	1.35	1.35	1.35	165.85	....	63	831
16....	0.80	0.85	0.70	0.80	0.80	164.25	....	57	773
17....	0.80	0.80	* 0.65	0.75	0.75	164.55	....	110	786
18....	0.85	1.00	* 0.50	0.50	0.50	163.05	....	201	845
19....	0.60	0.65B	* 0.35	0.35	0.35	162.15	....	506	641
20....	0.35	0.40	* 0.30	0.35	0.35	161.95	....	277	610
23....	0.25	0.45	* 0.20	0.45	0.45	163.95	....	67	653
24....	0.45	0.90B	0.40	0.85B	0.85	166.15	....	64	637
25....	1.00	1.05	0.70	1.00	1.00	166.90	....	141	688
26....	0.85	0.90	0.70	0.80	0.80	166.15	....	174	753
27....	0.85	0.85	* 0.50	0.55	0.55	165.60	....	102	793
30....	Exchange Closed, Memorial Day								
31....	0.40	0.40	* 0.15	0.15	0.15	162.20	....	174	790

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.15	0.20	* 0.10	0.10	0.10	162.95	....	73	824
2....	0.20	0.25	0.15A	0.20A	0.20	164.45	....	43	853
3....	0.25	0.30	0.20	0.25	0.25	164.65	....	148	967
6....	0.25	0.30	0.10	0.25	0.25	165.45	....	104	984
7....	0.10	0.10	* 0.05	0.05	0.05	161.90	....	9	928
8....	0.05	0.05	0.05	0.05	0.05	160.95	....	1	930
9....	0.05	0.05	0.05	0.05	0.05	161.90	....	4	932
10....	0.05	0.05	0.05	0.05	0.05	162.50	....	22	927
13....	....	....	....	0.05N	0.05	165.50	....	....	927
14....	0.05	0.05	0.05	0.05	0.05	165.35	....	123	924
15....	0.05	0.05	0.05	0.05	0.05	167.85	....	47	901
16....	0.05	0.15	0.05	0.05	0.05	169.14	....	660	....
17....	....	....	....	....	....	....	....	18	....
20....	....	....	....	....	....	....	....	24	....
21....	....	....	....	....	....	....	....	1	....

JUNE 1983 175.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
6....	0.75	# 0.80	* 0.75	0.80	0.80	167.50	....	1	1
9....	....	....	* 0.60A	0.80N	0.80	167.10	....	3	4
10....	....	....	0.75A	0.75A	0.75	167.10	....	....	4
11....	0.65	0.65	* 0.30	0.30	0.30	166.00	....	6	8
12....	0.20	0.25	* 0.20	0.25	0.25	165.15	....	9	17
13....	....	....	....	0.25N	0.25	165.85	....	....	17
16....	....	....	0.20A	0.20A	0.20	164.25	....	....	17
17....	0.20	0.20	0.20	0.20	0.20	164.55	....	57	72
18....	0.25	0.25	0.20	0.20	0.20	163.05	....	108	177
19....	0.10	0.10	* 0.10	0.10	0.10	162.15	....	25	202
20....	....	....	....	0.10N	0.10	161.95	....	....	202
23....	....	....	....	0.10N	0.10	163.95	....	....	202
24....	0.15	0.20	0.15	0.20	0.20	166.15	....	30	230
25....	0.25	0.25	0.15	0.15	0.15	166.90	....	8	232
26....	0.15	0.15	0.15	0.15	0.15	166.15	....	1	233
27....	0.20	0.20	* 0.05	0.05	0.05	165.60	....	19	216
30....	Exchange Closed, Memorial Day								
31....	....	....	....	0.05N	0.05	162.20	....	3	219

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1983 175.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.05N	0.05	162.95	....	....	217
2	....	....	....	0.05N	0.05	164.45	....	....	217
3	0.05	0.05	0.05	0.05	0.05	164.65	....	10	227
6	....	....	....	0.05N	0.05	165.45	....	....	227
7	....	....	....	0.05N	0.05	161.90	....	....	225
8	....	....	....	0.05N	0.05	160.95	....	....	225
9	....	....	....	0.05N	0.05	161.90	....	....	225
10	....	....	....	0.05N	0.05	162.05	....	....	225
13	....	....	....	0.05N	0.05	165.50	....	....	225
14	....	....	....	0.05N	0.05	165.35	....	....	225
15	....	....	....	0.05N	0.05	167.85	....	....	225
16	....	....	....	0.05N	0.05	169.14	....	....	....

SEPTEMBER 1983 140.00 CALLS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
18	15.00	#15.00	*15.00	15.00	15.00	151.30	....	1	1
21	Exchange Closed, President's Day								
22	13.50	#15.10B	*13.00A	13.00A	13.00	148.80	....	1	2
23	....	15.00B	....	15.00B	15.00	150.80	....	....	2
24	....	#17.00B	....	17.00B	17.00	154.10	....	....	2
25	....	#17.50B	16.60A	16.60A	16.60	153.30	....	....	2
28	....	....	15.80A	15.80A	15.80	151.40	....	....	2

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	17.00B	....	17.00B	17.00	154.90	....	....	2
2	....	17.50B	....	17.00N	17.00	155.10	....	....	2
3	....	#17.85B	....	17.85B	17.85	155.80	....	....	2
4	....	....	17.50A	17.50A	17.50	156.10	....	....	2
7	....	....	17.30A	17.45A	17.45	155.95	....	....	2
8	....	17.50B	16.25A	16.25A	16.25	153.30	....	....	2
9	....	17.15B	....	17.15B	17.15	154.80	....	....	2
10	....	17.40B	15.50A	16.50A	16.50	152.60	....	....	2
11	....	16.60B	....	16.50N	16.50	152.70	....	....	2
14	....	....	16.40A	16.40A	16.40	153.10	....	....	2
15	....	16.50B	16.30A	16.50B	16.50	153.30	....	....	2
16	....	....	14.30A	14.30A	14.30	150.10	....	....	2
17	....	14.35B	....	14.35B	14.35	150.10	....	....	2
18	....	14.60B	14.00A	14.60B	14.60	151.15	....	....	2
21	....	15.50B	14.50A	15.50B	15.50	153.10	....	....	2
22	....	....	14.60A	14.60A	14.60	151.90	....	....	2
23	....	#18.00B	....	18.00B	18.00	155.65	....	....	2
24	....	#18.20B	17.20A	18.20B	18.20	155.90	....	....	2
25	....	....	16.00A	17.20A	17.20	154.10	....	....	2
28	....	....	17.15A	17.15A	17.15	154.15	....	....	2
29	....	17.25B	16.50A	16.50A	16.50	153.35	....	....	2
30	....	17.10B	....	17.10B	17.10	155.55	....	....	2
31	....	18.15B	16.00A	16.00A	16.00	152.85	....	....	2

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 140.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchanged Closed, Good Friday								
4....	....	....	15.95A	15.95A	15.95	154.10	....	....	2
5....	....	16.50B	14.90A	14.90A	14.90	152.60	....	....	2
6....	....	....	14.85A	14.85A	14.55	152.20	....	....	2
7....	....	15.00B	....	14.55N	14.55	152.65	....	....	2
8....	....	....	14.50A	14.50A	14.50	152.70	....	....	2
11....	....	15.90B	....	15.90B	15.90	156.00	....	....	2
12....	....	16.75B	....	16.75B	16.75	156.55	....	....	2
13....	....	#18.50B	....	18.50B	18.50	157.30	....	....	2
14....	....	#20.00B	....	20.00B	20.00	159.40	....	....	2
15....	....	#21.00B	19.50A	21.00B	21.00	159.15	....	....	2
18....	....	#21.80B	20.90A	21.80B	21.80	160.05	....	....	2
19....	....	....	19.50A	21.80N	20.00	158.90	....	....	2
20....	....	21.00B	19.95A	21.00B	21.00	161.20	....	....	2
21....	....	21.25B	20.80A	20.80A	20.80	160.70	....	....	2
22....	....	....	20.75A	20.80N	20.80	160.65	....	....	2
25....	....	21.00B	19.80A	19.80A	19.80	159.00	....	....	2
26....	....	#23.00B	19.75A	23.00B	23.00	163.10	....	....	2
27....	....	#23.30B	22.50A	22.50A	22.50	162.75	....	....	2
28....	....	#24.00B	....	24.00B	24.00	164.15	....	....	2
29....	....	#25.25B	....	25.25B	25.25	165.25	....	....	2
				IN MAY					
2....	....	....	23.80A	23.80A	23.80	164.05	....	....	2
3....	....	24.50A	23.70A	23.50B	24.50	164.35	....	....	2
4....	....	25.00B	....	25.00B	25.00	165.35	....	....	2
5....	....	#25.50B	24.90A	25.50B	25.50	165.95	....	....	2
6....	....	#28.00B	....	28.00B	28.00	168.60	....	....	2
9....	....	....	27.90A	27.90A	27.90	168.35	....	....	2
10....	....	28.00	....	28.00B	28.00	168.30	....	....	2
11....	....	#28.05B	27.00A	27.00A	27.00	167.10	....	....	2
12....	....	27.10B	....	27.10B	27.10	166.25	....	....	2
13....	....	....	27.00A	27.00A	27.00	167.05	....	....	2
16....	....	....	26.00A	26.00A	26.00	165.45	....	....	2
17....	....	....	25.90A	25.90A	25.90	165.70	....	....	2
18....	....	26.20B	25.00A	25.00A	25.00	164.15	....	....	2
19....	....	....	23.10A	23.10A	23.10	163.25	....	....	2
20....	....	23.15B	....	23.15B	23.15	163.15	....	....	2
23....	....	24.25B	22.00A	24.25B	24.25	165.15	....	....	2
24....	....	27.30B	....	27.30B	27.30	167.45	....	....	2
25....	....	#28.15B	....	28.15B	28.15	168.15	....	....	2
26....	....	....	27.50A	27.50A	27.50	167.25	....	....	2
27....	....	27.55B	26.80A	26.80A	26.80	166.80	....	....	2
30....	Exchange Closed, Memorial Day								
31....	....	....	....	26.80N	26.80	163.30	....	....	2
				IN JUNE					
1....	....	....	24.00A	24.00A	24.00	163.95	....	....	2
2....	....	24.70B	....	24.00N	24.00	165.55	....	....	2
3....	....	24.05B	....	24.05B	24.05	165.75	....	....	2
6....	....	27.00B	....	27.00B	27.00	166.65	....	....	2
7....	....	....	22.70A	22.70A	22.70	162.70	....	....	2
8....	....	....	....	22.70N	22.70	161.50	....	....	2
9....	....	....	22.60A	22.60A	22.60	162.65	....	....	2
10....	....	23.00B	....	23.00B	23.00	163.30	....	....	2
13....	....	26.00B	....	26.00B	26.00	166.40	....	....	2
14....	....	....	....	26.00N	26.00	166.25	....	....	2
15....	....	#29.20B	....	29.20B	29.20	169.25	....	....	2
16....	....	#31.00B	....	31.00B	31.00	171.15	....	....	2
17....	....	....	30.90A	31.00A	31.35	171.45	....	....	2
20....	....	....	....	31.25A	30.75	170.70	....	....	2
21....	30.20	30.20	30.20	30.20	32.60	172.65	1	2	1
22....	....	#32.70B	....	32.60N	31.70	171.75	....	....	2
23....	....	....	....	31.70N	31.70	172.00	....	....	2
24....	....	....	....	31.70N	31.30	171.20	1	....	1
27....	....	....	....	31.35N	29.55	169.55	....	....	1
28....	....	29.75B	28.50A	28.50A	27.55	167.45	....	....	1
29....	....	....	....	27.55N	28.85	168.90	....	....	1
30....	....	....	....	28.85N	30.15	170.15	....	....	1

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 140.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	30.20B	....	30.20B	30.20	170.25	....	....	1
4	Exchange Closed, Independence Day								
5	....	....	28.00A	28.00A	28.00	167.55	....	....	1
6	....	29.80B	....	29.80B	29.80	169.80	1	....	....

SEPTEMBER 1983 145.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31	9.40	# 9.80B	* 9.40	9.80B	9.80	148.60	....	1	1

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	#10.20B	9.50A	9.50A	9.50	144.60	....	....	1
2	....	....	* 9.30A	9.30A	9.30	145.60	....	....	1
3	10.00	10.00	10.00	10.00	10.00	146.40	....	1	2
4	....	....	9.75A	10.00N	10.00	149.95	....	....	2
7	....	10.20B	....	10.20B	10.20	150.50	....	....	2
8	....	#11.05B	....	10.20N	10.20	147.95	....	....	2
9	10.80	11.00B	10.75A	10.80	10.80	147.90	....	2	4
10	....	#11.20B	....	11.20B	11.20	152.00	....	....	4
11	11.50	#12.00B	10.25A	10.25A	10.25	150.50	....	2	6
14	....	11.00B	....	11.00B	11.00	153.00	....	....	6
15	....	#12.75B	10.00A	10.00A	10.00	151.30	....	....	6
16	....	10.00B	....	11.00B	11.00	150.10	....	....	6
17	....	11.75B	....	11.50B	11.50	151.00	....	....	6
18	12.00	12.00	12.00	12.00	12.00	151.30	....	....	6
21	Exchange Closed, President's Day								
22	....	12.10B	10.10A	10.10A	10.10	148.80	....	1	7
23	....	11.75B	....	11.75B	11.75	150.80	....	....	7
24	....	#14.00B	....	14.00B	14.00	154.10	....	....	7
25	....	#14.60B	13.60A	13.60A	13.60	153.30	....	....	7
28	....	....	12.50A	12.50A	12.50	151.40	....	....	7

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	13.50B	....	13.50B	13.50	154.90	....	....	7
2	....	14.10B	....	13.50N	13.50	155.10	....	....	7
3	....	14.40B	....	14.40B	14.40	155.80	....	....	7
4	....	#15.50B	14.00A	15.50B	15.50	156.10	....	....	7
7	....	....	15.30A	15.45A	15.45	155.95	....	....	7
8	....	....	13.75A	13.75A	13.75	153.30	....	....	7
9	....	14.25B	13.50A	14.25B	14.25	154.80	....	....	7
10	....	14.50B	12.20A	12.20A	12.20	152.60	....	....	7
11	....	12.30B	....	12.20N	12.20	152.70	....	....	7
14	....	12.30B	....	12.30B	12.30	153.10	....	....	7
15	....	12.40B	12.20A	12.40B	12.40	153.30	....	....	7
16	....	....	10.20A	10.20A	10.20	150.10	....	....	7
17	....	10.25B	....	10.25B	10.25	150.10	....	....	7
18	....	11.50B	....	11.50B	11.50	151.15	....	....	7
21	....	12.00B	10.90A	12.00B	12.00	153.10	....	....	7
22	....	....	11.15A	11.15A	11.15	151.90	....	....	7
23	....	14.00B	....	14.00B	14.00	155.65	....	....	7
24	....	14.10B	13.80A	14.10B	14.10	155.90	....	....	7
25	13.40	13.40	13.00A	13.10A	13.10	154.10	....	1	8
28	....	....	13.05A	13.05A	13.05	154.15	....	....	8
29	....	13.15B	12.65A	12.65A	12.65	153.35	....	....	8
30	....	13.05B	....	13.05B	13.05	155.55	....	....	8
31	....	14.10B	12.00A	12.00A	12.00	152.85	....	....	8

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 145.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	11.95A	11.95A	11.95	154.10	....	....	8
5....	....	12.50B	9.90A	9.90A	9.90	152.60	....	....	8
6....	10.75	10.75	10.75	10.75	11.30	152.20	....	1	8
7....	11.00	11.20B	10.90A	11.20B	11.20	152.65	....	3	9
8....	....	....	11.15A	11.20N	11.20	152.70	....	....	9
11....	12.00	13.10B	12.00	13.10B	13.10	156.00	....	7	10
12....	....	13.25B	....	13.25B	13.25	156.55	....	....	10
13....	....	14.00B	....	14.00B	14.00	157.30	....	....	10
14....	14.85	#16.00B	14.85	16.00B	16.00	159.40	....	1	10
15....	....	#17.00B	15.95A	17.00B	17.00	159.15	....	....	10
18....	....	....	15.90A	16.00A	16.00	160.05	....	....	10
19....	....	16.20B	15.50A	16.00N	16.00	158.90	....	....	10
20....	....	16.75B	....	16.75B	16.75	161.20	....	....	10
21....	....	....	16.50A	16.50A	16.50	160.70	....	....	10
22....	17.50	#17.50	16.45A	17.50	17.50	160.65	....	1	11
25....	....	#17.70B	15.90A	15.90A	15.90	159.00	....	....	11
26....	16.00	#18.50B	16.00	18.50B	18.50	163.10	....	1	11
27....	....	#19.00B	....	18.50N	18.50	162.75	....	....	11
28....	....	#19.75B	....	19.75B	19.75	164.15	....	....	11
29....	....	#21.00B	19.70A	21.00B	21.00	165.25	....	....	11
				IN MAY					
2....	....	....	19.60A	19.60A	19.60	164.05	....	....	11
3....	....	20.20B	19.50A	20.20B	20.20	164.35	....	....	11
4....	....	21.00B	....	21.00B	21.00	165.35	....	....	11
5....	20.75	#21.25B	20.75	21.25B	21.25	165.95	....	1	11
6....	....	#24.00B	....	24.00B	24.00	168.60	....	....	11
9....	....	....	23.50A	23.50A	23.50	168.35	....	....	11
10....	....	....	....	23.50N	23.50	168.30	....	....	11
11....	....	23.70B	....	23.50N	23.50	167.10	....	....	10
12....	....	....	23.00A	23.00A	23.00	166.25	....	....	10
13....	....	23.05B	....	23.00N	23.00	167.05	....	....	10
16....	....	....	22.00A	22.00A	22.00	165.45	....	....	10
17....	....	....	21.90A	21.90A	21.90	165.70	....	....	10
18....	....	22.20B	20.00A	20.00A	20.00	164.15	....	....	10
19....	....	....	18.50A	18.50A	18.50	163.25	....	....	10
20....	18.50	18.55B	18.50	18.50	18.50	163.15	....	1	11
23....	....	20.20B	18.00A	20.20B	20.20	165.15	....	....	11
24....	....	22.50B	....	22.50B	22.50	167.45	....	....	11
25....	....	23.10B	....	23.10B	23.10	168.15	....	....	11
26....	....	....	22.50A	22.50A	22.50	167.25	....	....	11
27....	....	22.55B	22.00A	22.00A	22.00	166.80	....	....	11
30....	Exchange Closed, Memorial Day								
31....	....	....	19.00A	19.00A	19.00	163.30	...	....	11
				IN JUNE					
1....	....	19.50B	18.90A	19.50B	19.50	163.95	....	....	11
2....	....	19.90B	....	19.50N	19.50	165.55	....	....	11
3....	....	19.55B	....	19.55B	19.55	165.75	....	....	11
6....	....	22.00B	....	22.00B	22.00	166.65	....	....	11
7....	....	....	17.85A	17.85A	17.85	162.70	....	....	11
8....	....	....	17.80A	17.80A	17.80	161.50	....	....	11
9....	....	....	17.75A	17.75A	17.75	162.65	....	....	11
10....	....	18.50B	....	18.50B	18.50	163.30	....	....	11
13....	....	21.00B	....	21.00B	21.00	166.40	....	....	11
14....	....	....	....	21.00N	21.00	166.25	....	....	11
15....	....	#24.20B	....	24.20B	24.20	169.25	....	....	11
16....	....	#26.00B	....	26.00B	26.00	171.15	....	....	11
17....	....	....	25.50A	26.00N	26.25	171.45	....	....	11
20....	....	....	....	26.25N	25.75	170.70	....	....	11
21....	25.40	25.50	25.40	25.50	27.60	172.65	2	1	10
22....	....	#27.70B	....	27.60N	26.70	171.75	1	....	9
23....	....	....	....	26.70N	26.70	172.00	....	....	9
24....	....	26.75B	....	26.70N	26.40	171.20	....	....	9
27....	....	....	26.00A	26.00A	24.55	169.55	1	....	8
28....	....	25.00B	23.50A	23.50A	22.55	167.45	....	....	8
29....	....	....	22.50A	22.55N	23.85	168.90	....	....	8
30....	....	....	....	23.85N	25.15	170.15	....	....	8

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 145.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	25.20B	....	25.20B	25.20	170.20	....	....	8
4....	Exchange Closed, Independence Day								
5....	....	....	23.00A	23.00A	23.00	167.55	....	....	8
6....	....	24.80B	....	24.80B	24.80	169.80	....	....	8
7....	....	26.00B	24.40A	24.80N	23.20	168.05	1	....	7
8....	....	23.25B	22.90A	23.20N	23.20	168.30	....	....	7
11....	....	....	....	23.20N	23.90	168.90	....	....	7
12....	....	....	23.80A	23.80A	21.40	166.20	....	....	7
13....	....	21.50B	....	21.50B	21.50	166.80	....	....	7
14....	22.80	22.80	22.80	22.80	22.80	167.10	....	2	9
15....	....	....	20.30A	20.30A	20.30	165.15	....	....	7
18....	....	20.40B	....	20.40B	20.40	165.45	....	....	7
19....	....	20.50B	....	20.50B	20.50	166.35	....	....	7
20....	23.90	23.90	23.90	23.90	25.45	170.35	....	2	5
21....	....	....	....	25.45N	25.45	171.00	....	....	5
22....	....	....	25.40A	25.40A	25.40	170.05	....	....	5
25....	....	....	....	25.40N	25.40	171.15	....	....	5
26....	....	....	....	25.40N	25.40	171.40	....	....	5
27....	....	....	....	25.40N	23..50	168.50	....	....	5
28....	....	....	....	23.50N	20.80	165.65	....	....	5
29....	....	....	....	20.80N	20.80	163.70	....	....	5
IN AUGUST									
1....	....	....	....	20.80N	20.80	163.10	....	....	5
2....	....	....	19.00A	19.00A	18.05	163.05	....	....	5
3....	....	....	....	18.05N	19.40	164.35	....	....	5
4....	....	....	....	19.40N	19.40	161.45	....	....	5
5....	....	....	....	16.70B	22.80	162.75	....	....	5
8....	....	....	....	22.80N	15.70	160.55	....	....	5
9....	....	....	....	15.70N	16.45	161.45	....	....	5
10....	....	....	....	16.45N	16.45	162.60	....	....	5
11....	....	....	....	16.45N	16.45	162.60	....	....	5
12....	....	....	....	16.45N	16.45	163.40	....	....	5
15....	....	....	....	16.45N	19.50	164.40	....	....	5
16....	....	....	19.40A	19.40A	19.20	164.15	....	....	5
17....	....	....	....	19.20N	19.20	165.65	....	....	5
18....	....	21.00B	....	21.00B	18.70	163.65	....	....	5
19....	....	....	....	18.70N	19.85	164.85	....	....	5
22....	....	....	....	19.85N	19.25	164.35	....	....	5
23....	....	....	18.90A	18.90A	18.00	163.00	....	....	5
24....	....	18.10B	....	18.10B	16.40	161.35	....	....	5
25....	....	....	....	16.40N	16.55	161.55	....	....	5
26....	....	17.30B	16.00A	17.30B	17.65	162.60	....	....	5
29....	....	....	....	17.65N	18.25	163.20	....	....	5
30....	....	....	....	18.25N	18.25	163.15	....	....	5
31....	....	19.90B	18.20A	19.90B	19.95	164.95	....	....	5
IN SEPTEMBER									
1....	....	20.00B	19.75A	19.75A	18.80	164.75	....	....	5
2....	....	20.30B	19.75A	20.30B	20.40	165.35	....	....	5
5....	Exchange Closed, Labor Day								
6....	....	21.60B	....	21.60B	23.40	168.35	....	....	5
7....	....	....	....	23.40N	23.65	168.65	....	....	5
8....	....	....	23.45A	23.45A	23.15	168.15	....	....	5
9....	....	....	....	23.15N	22.10	167.05	....	....	5
12....	....	....	....	22.10N	20.10	165.15	....	....	5
13....	....	....	....	20.10N	20.10	165.15	....	....	5
14....	....	....	....	20.10N	20.60	165.50	....	....	5
15....	....	....	....	20.60N	20.40	164.38	....	....	5
16....	....	....	....	....	....	....	5	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 150.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31....	7.20	# 7.50B	* 7.20	7.50B	7.50	148.60	....	1	1
				IN FEBRUARY					
1....	....	# 7.80B	....	7.50N	7.50	144.60	....	....	1
2....	....	....	7.40A	7.40A	7.40	145.60	....	....	1
3....	....	7.50B	....	7.40N	7.40	146.40	....	....	1
4....	....	....	7.35A	7.40N	7.40	149.95	....	....	1
7....	....	# 9.00B	....	9.00B	9.00	150.50	....	....	1
8....	....	# 9.55B	....	9.00N	9.00	147.95	....	....	1
9....	....	....	8.25A	8.25A	8.25	147.90	....	....	1
10....	....	8.70B	....	8.70B	8.70	152.00	....	....	1
11....	....	9.05B	....	9.05B	9.05	150.50	....	....	1
14....	....	9.30B	....	9.30B	9.30	153.00	....	....	1
15....	....	9.40B	8.30A	8.30A	8.30	151.30	....	....	1
16....	....	9.00B	....	9.00B	9.00	150.10	....	....	1
17....	....	9.15B	....	9.15B	9.15	151.00	....	....	1
18....	....	# 9.70B	9.00A	9.15N	9.15	151.30	....	....	1
21....	Exchange Closed, President's Day								
22....	8.40	9.25B	7.85A	7.85A	7.85	148.80	....	....	1
23....	....	9.00B	....	9.00B	9.00	150.80	....	3	4
24....	....	# 9.90B	....	9.90B	9.90	154.10	....	....	4
25....	....	#10.00B	....	9.90N	9.90	153.30	....	....	4
28....	....	....	9.00A	9.00A	9.00	151.40	....	....	4
				IN MARCH					
1....	10.20	#10.60B	10.20	10.60B	10.60	154.90	....	...	4
2....	....	....	10.45A	10.60N	10.60	155.10	....	1	4
3....	....	#11.30B	....	11.30B	11.30	155.80	....	....	4
4....	....	....	11.00A	11.00A	11.00	156.10	....	....	4
7....	....	....	10.80A	10.95A	10.95	155.95	....	....	3
8....	....	....	9.25A	9.25A	9.25	153.30	....	....	3
9....	....	10.25B	9.20A	10.25B	10.25	154.80	....	....	3
10....	....	10.30B	9.30A	9.30A	9.30	152.60	....	....	3
11....	....	9.40B	....	9.30N	9.30	152.70	....	....	3
14....	....	....	9.20A	9.20A	9.20	153.10	....	....	3
15....	....	9.30B	9.10A	9.30B	9.30	153.30	....	....	3
16....	....	....	8.05A	8.05A	8.05	150.10	....	....	3
17....	....	8.10B	....	8.10B	8.10	150.10	....	....	3
18....	....	8.50B	....	8.50B	8.50	151.15	....	....	3
21....	....	9.20B	8.35A	9.20B	9.20	153.10	....	....	3
22....	8.80	8.80	8.10A	8.10A	8.10	151.90	....	1	3
23....	9.50	11.00B	9.50	11.00B	11.00	155.65	....	1	4
24....	....	11.15B	....	11.15B	11.15	155.90	....	....	4
25....	....	....	10.15A	10.15A	10.15	154.10	....	....	4
28....	....	....	....	10.15N	10.15	154.15	....	....	4
29....	....	10.25B	10.00A	10.00A	10.00	153.35	....	....	4
30....	....	10.50B	9.95A	9.95A	9.95	155.55	....	....	4
31....	....	10.50B	9.00A	9.00A	9.00	152.85	....	....	4

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 150.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open interest
1....	Exchange Closed, Good Friday								
4....	....	....	8.95A	9.00N	9.00	154.10	....	....	4
5....	....	9.50B	6.50A	6.50A	6.50	152.60	....	....	4
6....	7.60	7.75B	7.60	7.60	8.40	152.20	....	....	4
7....	8.45	8.45	8.20	8.40B	8.40	152.65	....	2	5
8....	8.05	8.25B	8.05	8.25B	8.25	152.70	....	4	4
11....	8.80	9.10B	8.80	9.10B	9.10	156.00	....	1	4
12....	10.20	10.20	10.20	10.20	10.20	156.55	....	....	4
13....	....	#11.50B	....	11.50B	11.50	157.30	....	2	4
14....	11.70	#12.50B	11.55A	12.50B	12.50	159.40	....	....	4
15....	....	#13.00B	12.45A	13.00B	13.00	159.15	....	1	5
18....	....	#13.40B	12.90A	13.40B	13.40	160.05	....	....	5
19....	11.75	12.30B	11.75	12.30B	12.30	158.90	....	....	5
20....	12.25	13.30	12.25	13.30	13.30	161.20	....	2	7
21....	14.00	#14.00	13.30A	13.30A	13.30	160.70	....	4	9
22....	....	....	13.25A	13.30N	13.30	160.65	....	3	11
25....	....	13.60B	12.40A	12.40A	12.40	159.00	....	....	11
26....	....	14.00B	12.35A	14.00B	14.00	163.10	....	....	11
27....	....	#15.50B	....	14.00N	14.00	162.75	....	....	11
28....	15.90	#15.90	15.70	15.70	15.70	164.15	....	....	11
28....	....	#16.50B	....	16.50B	16.50	165.25	....	6	11
				IN MAY			....	....	11
2....	16.50	#16.50	15.70A	15.70A	15.70	164.05	....	1	12
3....	....	....	15.60A	15.70N	15.70	164.35	....	....	12
4....	....	16.25B	....	16.25B	16.25	165.35	....	....	12
5....	....	16.50B	16.20A	16.50B	16.50	165.95	....	....	12
6....	....	#18.50B	....	18.50B	18.50	168.60	....	....	12
9....	....	....	18.00A	18.50N	18.50	168.35	....	....	12
10....	....	#18.60B	....	18.60B	18.60	168.30	....	....	12
11....	....	#18.65B	18.25A	18.25A	18.25	167.10	....	....	12
12....	....	....	18.00A	18.00A	18.00	166.25	....	....	12
13....	....	18.10B	....	18.00N	18.00	167.05	....	....	12
16....	....	....	16.50A	16.50A	16.50	165.45	....	....	12
17....	....	....	15.80A	16.50N	16.50	165.70	....	....	12
18....	....	16.60B	16.00A	16.00A	16.00	164.15	....	....	12
19....	....	....	14.00A	14.00A	14.00	163.25	....	....	12
20....	....	14.05B	....	14.05B	14.05	163.15	....	....	12
23....	12.50	15.25B	12.50	15.25B	15.25	165.15	....	2	14
24....	....	18.00B	....	18.00B	18.00	167.45	....	....	14
25....	....	18.20B	....	18.20B	18.20	168.15	....	....	14
26....	....	....	17.80A	17.80A	17.80	167.25	....	....	14
27....	....	17.85B	17.20A	17.20A	17.20	166.80	....	....	14
30....	Exchange Closed, Memorial Day								
31....	....	....	14.80A	14.80A	14.80	163.30	....	....	14
				IN JUNE					
1....	....	15.00B	14.50A	15.00B	15.00	163.95	....	....	14
2....	....	15.20B	....	15.00N	15.00	165.55	....	....	14
3....	....	15.05B	....	15.05B	15.05	165.75	....	....	14
6....	....	17.50B	....	17.50B	17.50	166.65	....	....	14
7....	....	....	13.10A	13.10A	13.10	162.70	....	....	14
8....	....	....	13.00A	13.00A	13.00	161.50	....	....	14
9....	....	13.50B	....	13.50B	13.50	162.65	....	....	14
10....	....	13.80B	....	13.80B	13.80	163.30	....	....	14
13....	....	16.50B	....	16.50B	16.50	166.40	....	....	14
14....	....	....	....	16.50N	16.50	166.25	....	....	14
15....	....	#19.50B	....	19.50B	19.50	169.25	....	....	14
16....	....	#21.00B	19.45A	21.00B	21.00	171.15	....	....	14
17....	....	....	....	21.00N	21.25	171.45	....	....	14
20....	21.00	#21.00	21.00	21.00	20.90	170.70	....	....	14
21....	....	....	20.20A	20.20A	22.60	172.65	....	1	13
22....	....	#22.70B	....	22.60N	21.70	171.75	....	....	13
23....	....	....	....	21.70N	21.70	172.00	....	....	13
24....	....	....	....	21.70N	21.70	171.20	....	....	13
27....	....	....	19.20A	21.70N	19.55	169.55	....	....	13
28....	....	19.60B	18.50A	18.50A	18.00	167.45	....	....	13
29....	....	....	17.90A	18.00N	19.00	168.90	....	....	13
30....	....	19.50B	....	19.50B	20.50	170.15	....	....	13

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 150.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	20.00	20.00	20.00	20.00	20.00	170.25	....	4	17
4....	Exchange Closed, Independence Day								
5....	18.50	18.50	18.30	18.30	18.10	167.55	....	5	21
6....	....	20.00B	....	20.00B	20.00	169.80	....	5	22
7....	....	21.00B	19.50A	20.00N	18.25	168.05	....	....	22
8....	....	....	18.00A	18.25N	18.50	168.30	....	....	22
11....	....	19.00B	....	19.00B	19.00	168.90	....	....	22
12....	....	....	18.00A	18.00A	16.70	166.20	....	....	22
13....	....	....	....	16.70N	16.70	166.80	....	....	22
14....	17.50	18.15B	17.50	17.50	17.50	167.10	....	1	23
15....	15.60	15.60	15.60	15.60	15.60	165.15	....	....	22
18....	....	....	15.50A	15.50A	15.50	165.45	....	....	23
19....	....	15.60B	....	15.60B	15.60	166.35	....	....	22
20....	....	17.80B	....	17.80B	20.35	170.35	....	....	22
21....	21.40	21.40	21.00A	21.00A	21.00	171.00	....	2	20
22....	....	....	20.70A	21.00N	21.00	170.05	....	....	20
25....	....	....	20.00A	20.00A	21.25	171.15	....	....	20
26....	....	21.50B	....	21.50B	21.50	171.40	....	....	20
27....	....	21.70B	18.60A	18.60A	18.50	168.50	....	....	20
28....	....	....	17.50A	17.50A	15.80	165.65	....	....	20
29....	....	....	....	15.80N	15.80	163.70	....	....	20

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	13.50A	13.50A	13.50	163.10	....	....	20
2....	....	14.00B	....	14.00B	13.05	163.05	....	....	20
3....	....	....	....	13.05N	14.40	164.35	....	....	20
4....	....	....	12.25A	12.25A	11.80	161.45	....	....	20
5....	....	....	....	11.80N	13.05	162.75	....	....	20
8....	....	....	11.50A	11.50A	11.00	160.55	....	....	20
9....	....	11.20B	....	11.20B	11.95	161.45	....	....	20
10....	....	12.50B	11.80A	12.50B	13.00	162.60	....	....	20
11....	....	....	....	13.00N	13.00	162.60	....	....	20
12....	....	....	....	13.00N	13.00	163.40	....	....	20
15....	....	....	....	13.00N	14.60	164.40	....	....	20
16....	....	14.80B	14.40A	14.40A	14.40	164.15	....	....	20
17....	....	....	....	14.40N	14.40	165.65	....	....	20
18....	....	16.00B	13.80A	18.80A	13.70	163.65	....	....	20
19....	....	....	....	13.70N	15.00	164.85	....	....	20
22....	....	....	....	15.00N	14.40	164.35	....	....	20
23....	....	....	....	14.40N	13.10	163.00	....	....	20
24....	....	13.20B	....	13.20B	11.45	161.35	....	....	20
25....	....	11.70B	10.90A	10.90A	11.60	161.55	....	....	20
26....	....	....	11.00A	11.00A	12.70	162.60	....	....	20
29....	....	12.90B	....	12.90B	13.25	163.20	...	....	20
30....	....	....	....	13.25N	13.25	163.15	....	....	20
31....	....	14.90B	13.20A	14.90B	14.95	164.95	....	....	20

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	15.20B	14.90A	14.90A	14.80	164.75	4	....	16
2....	....	15.30B	14.75A	15.30B	15.40	165.35	....	....	16
5....	Exchange Closed, Labor Day								
6....	....	16.90B	....	16.90B	18.40	168.35	....	....	16
7....	....	18.45B	....	18.45B	18.55	168.65	6	....	10
8....	....	....	18.30A	18.30A	18.15	168.15	....	....	10
9....	....	....	....	18.15N	17.10	167.05	6	....	4
12....	....	....	....	17.10N	15.00	165.15	....	....	4
13....	....	....	....	15.10N	15.10	165.15	....	....	4
14....	....	....	....	15.10N	15.60	165.50	....	....	4
15....	....	....	....	15.60N	15.40	164.38	....	....	4
16....	....	....	....	....	....	....	4	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 155.00 CALLS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31....	5.80	# 5.90B	* 5.70A	5.90B	5.90	148.60	....	1	1
				IN FEBRUARY					
1....	....	....	....	5.90N	5.90	144.60	....	....	1
2....	....	....	* 5.50A	5.50A	5.50	145.60	....	....	1
3....	....	5.60B	....	5.50N	5.50	146.40	....	....	1
4....	....	....	* 5.40A	5.50N	5.50	149.95	....	....	1
7....	....	5.55B	....	5.55B	5.55	150.50	....	....	1
8....	6.00	# 6.05B	5.85	5.85	5.85	147.95	....	....	1
9....	....	5.90B	....	5.85N	5.85	147.90	....	2	3
10....	....	# 6.45B	....	6.45B	6.45	152.00	....	....	3
11....	....	# 6.85B	....	6.85B	6.85	150.50	....	....	2
14....	....	# 7.20B	....	7.20B	7.20	153.00	....	....	2
15....	7.00	# 7.55B	6.20A	6.20A	6.20	151.30	....	1	3
16....	....	6.55B	....	6.55B	6.55	150.10	....	....	3
17....	....	6.75B	....	6.75B	6.75	151.00	....	....	3
18....	....	7.00B	....	7.00B	7.00	151.30	....	....	3
21....	Exchange Closed, President's Day								
22....	....	7.10B	6.35A	6.35A	6.35	148.80	....	....	3
23....	....	6.70B	6.10A	6.70B	6.70	150.80	....	....	3
24....	....	# 7.75B	....	7.75B	7.75	154.10	....	....	3
25....	....	# 7.80B	....	7.80B	7.80	153.30	....	....	3
28....	....	....	7.00A	7.00A	7.00	151.40	....	....	3
				IN MARCH					
1....	....	# 8.50B	....	8.45B	8.45	154.90	....	....	3
2....	8.75	# 9.00	8.40	8.80A	8.80	155.10	....	21	24
3....	....	9.00B	....	9.00B	9.00	155.80	....	12	24
4....	....	# 9.20B	8.80A	9.20B	9.20	156.10	....	....	24
7....	....	....	9.00A	9.15A	9.15	155.95	....	....	24
8....	....	....	7.55A	7.55A	7.55	153.30	....	....	24
9....	....	8.30B	7.50A	8.30B	8.30	154.80	....	....	24
10....	....	8.40B	6.90A	6.90A	6.90	152.60	....	....	24
11....	....	7.00B	....	6.90N	6.90	152.70	....	....	24
14....	....	....	6.80A	6.80A	6.80	153.10	....	....	24
15....	....	6.90B	6.70A	6.90A	6.90	153.30	....	....	24
16....	....	7.50B	6.30A	6.30A	6.30	150.10	....	....	24
17....	....	6.35B	....	6.35B	6.35	150.10	....	....	24
18....	....	6.50B	6.10A	6.40B	6.40	151.15	....	....	24
21....	....	7.00B	6.30A	7.00B	7.00	153.10	....	....	24
22....	....	....	6.15A	6.15A	6.15	151.90	....	....	24
23....	6.50	8.00B	6.50	8.00B	8.00	155.65	....	1	24
24....	....	8.20B	....	8.20B	8.20	155.90	....	....	24
25....	7.80	7.80	7.00	7.60B	7.60	154.10	....	3	25
28....	....	....	....	7.60N	7.60	154.15	....	....	25
29....	....	7.70B	....	7.60N	7.60	153.35	....	....	25
30....	....	7.70B	....	7.70B	7.70	155.55	....	....	25
31....	....	8.00B	7.00A	7.00A	7.00	152.85	....	....	25
				IN APRIL					
1....	Exchange Closed, Good Friday								
4....	....	....	6.60A	6.90A	6.90	154.10	....	....	25
5....	....	7.30B	5.85A	5.85A	5.85	152.60	....	....	25
6....	6.00	6.00	5.75	5.75	6.30	152.20	...	9	32
7....	6.00	6.35B	5.95A	6.20B	6.20	152.65	....	1	32
8....	....	....	6.15A	6.20N	6.20	152.70	....	....	32
11....	....	6.50B	....	6.50B	6.50	156.00	....	....	32
12....	....	6.85B	....	6.85B	6.85	156.55	....	....	32
13....	....	8.25B	....	8.25B	8.25	157.30	....	....	32
14....	7.90	# 9.50B	7.90	9.50B	9.50	159.40	....	2	32
15....	....	....	9.45A	9.50N	9.50	159.15	....	....	32
18....	9.25	#10.00B	9.25	10.00B	10.00	160.05	....	12	20
19....	....	....	9.00A	10.00N	9.40	158.90	....	....	20
20....	10.00	#10.00	9.35A	10.00	10.00	161.20	....	2	21
21....	10.15	#10.55	10.00A	10.00A	10.00	160.70	....	3	22
22....	10.25	10.25	9.25A	10.25	10.25	160.65	....	1	22
25....	10.50	10.50	9.40A	9.40A	9.40	159.00	....	6	25
26....	8.90@.80	#11.00B	8.80	11.00B	11.00	163.10	....	6	23
27....	11.60	#11.60	11.00A	11.00A	11.00	162.75	....	1	24
28....	11.40	#12.25B	11.40	12.25B	12.25	164.15	....	2	23
29....	12.20	#13.00B	12.20	13.00B	13.00	165.25	....	7	30

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 155.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
2....	....	....	12.10A	12.10A	12.10	164.05	....	....	29
3....	....	....	11.40A	12.10N	12.10	164.35	....	....	29
4....	12.10	12.50B	12.10	12.50B	12.50	165.35	....	5	30
5....	....	12.90B	12.40A	12.90B	12.90	165.95	....	....	28
6....	....	#14.50B	....	14.50B	14.50	168.60	....	....	28
9....	15.60	#15.60	14.40A	15.60	15.60	168.35	....	2	30
10....	....	....	15.55A	15.55A	15.55	168.30	....	....	30
11....	....	....	14.30A	14.30A	14.30	167.10	....	....	30
12....	13.40	13.40	13.40	13.40	13.40	166.25	....	10	40
13....	13.10	13.70B	13.10	13.40B	13.40	167.05	....	9	40
16....	12.00	12.50B	12.00	12.50B	12.50	165.45	....	3	41
17....	12.45	12.45	11.55	12.40B	12.40	165.70	....	46	70
18....	12.50	12.80B	11.60A	11.60A	11.60	164.15	....	12	82
19....	11.50	11.80B	10.90A	10.90A	10.90	163.25	....	1	82
20....	....	10.95B	10.50A	10.50A	10.50	163.15	....	....	82
23....	9.00	11.50B	9.00	11.50B	11.50	165.15	....	1	83
24....	11.80	13.00	11.80	13.00	13.00	167.45	....	101	180
25....	13.50	14.00B	13.50	14.00B	14.00	168.15	....	180	246
26....	13.80	13.80	13.65A	13.65A	13.65	167.25	....	200	445
27....	....	13.75B	13.50A	13.50A	13.50	166.80	....	25	445
30....	Exchange Closed, Memorial Day								
31....	....	....	10.35A	10.35A	10.35	163.30	....	....	445

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	10.00	11.00	10.00	10.85A	10.80	163.95	....	202	644
2....	11.50	11.50	11.10A	11.50	11.50	165.55	....	2	644
3....	12.25	12.25	11.90	12.20B	12.20	165.75	....	21	655
6....	12.00	12.50B	11.50A	12.50B	12.50	166.65	....	1	656
7....	....	12.55B	9.40A	9.40A	9.40	162.70	....	....	656
8....	10.00	10.00	8.50	8.50	8.50	161.50	....	15	665
9....	....	9.50B	....	9.50B	9.50	162.65	....	1	666
10....	10.00	10.00	10.00	10.00	10.00	163.30	....	10	676
13....	....	12.50B	....	12.50B	12.50	166.40	....	....	676
14....	....	....	12.45A	12.45A	12.45	166.25	....	....	676
15....	11.70	14.80B	11.70	14.80B	14.80	169.25	....	1	677
16....	....	#16.10B	....	16.10B	16.10	171.15	....	....	677
17....	16.20	#16.20	16.20	16.20	17.25	171.45	....	....	677
20....	16.00	16.00	16.00	16.00	16.20	170.70	....	1	677
21....	15.80	#17.00B	15.70A	17.00B	17.60	172.65	....	1	678
22....	18.20	#18.20	17.40A	17.40A	17.40	171.75	....	1	678
23....	17.50	17.50	17.50	17.50	17.50	172.00	....	1	678
24....	17.20	17.20	16.80A	16.80A	16.80	171.20	....	2	679
27....	16.70	16.70	15.50A	16.60	15.00	169.55	....	2	679
28....	14.05	15.40B	14.05	14.05	13.45	167.45	....	20	699
29....	13.15	13.50	13.15	13.50	14.50	168.90	....	3	701
30....	15.00	15.20B	15.00	15.20B	15.70	170.15	....	1	701

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	15.80B	....	15.80B	15.80	170.25	....	....	681
4....	Exchange Closed, Independence Day								
5....	13.50	13.50	13.40A	13.40A	13.40	167.55	....	1	681
6....	....	15.30B	....	15.30B	14.30	169.80	....	....	681
7....	....	16.25B	14.50A	14.70A	13.80	168.05	....	....	681
8....	14.50	14.50	13.75A	14.50	14.20	168.30	....	100	656
11....	15.30	15.30	15.30	15.30	14.80	168.90	....	2	658
12....	12.50	12.50	12.50	12.50	12.10	166.20	....	20	656
13....	12.10	12.10	12.10	12.10	12.60	166.80	....	1	655
14....	....	13.20B	....	13.20B	12.90	167.10	....	5	650
15....	11.00	11.80B	11.00	11.00	11.20	165.15	....	1	650
18....	11.30	12.00	11.30	11.40A	11.40	165.45	....	4	653
19....	....	12.00B	....	12.00B	12.20	166.35	....	....	646
20....	....	15.50B	....	14.40B	15.70	170.35	....	....	646
21....	16.25	16.65	16.00	16.25	16.25	171.00	....	5	642
22....	....	....	15.50A	15.50A	15.50	170.85	....	....	642
25....	15.00	16.50B	14.80A	16.50B	16.50	171.15	....	1	642
26....	....	16.90B	16.30A	16.90B	16.70	171.40	....	....	642
27....	16.25	16.25	14.00A	14.00A	13.60	168.50	....	17	635
28....	12.65	12.65	11.90A	11.90A	11.20	165.65	....	5	635
29....	11.00	11.00	8.25	9.40B	9.60	163.70	....	4	636

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 155.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	8.65	9.65B	8.65	8.65	8.65	163.10	....	5	641
2	....	9.70B	....	9.00B	9.00	163.05	....	....	641
3	9.00	10.70	8.75A	10.70	10.25	164.35	....	18	656
4	9.80	9.80	7.00	8.00	7.85	161.45	....	30	644
5	8.50@.75	8.75	8.10	8.70B	8.90	162.75	....	10	627
8	7.60	7.60	7.40A	7.60	7.15	160.55	....	7	624
9	7.55	7.65	6.65A	7.35	7.90	161.45	....	4	626
10	7.70	9.10	7.40A	9.00A	8.90	162.60	....	30	637
11	....	9.10B	8.65A	8.65A	8.65	162.60	....	....	636
12	9.15	9.15	9.15	9.15	9.15	163.40	....	3	636
15	10.25	10.45B	10.20A	10.45B	10.45	164.40	....	11	625
16	9.00	9.40B	9.00	9.00	9.80	164.15	....	1	637
17	10.00	10.50B	9.90A	10.50B	11.00	165.65	....	2	626
18	....	11.10B	9.70A	9.70A	9.10	163.65	....	....	626
19	9.40	9.40	9.00	9.00	10.25	164.85	....	2	626
22	....	11.00B	....	10.25N	9.60	164.35	....	....	626
23	9.00	9.00	8.40A	8.40A	8.35	163.00	....	1	626
24	8.65	8.75	7.20	7.20	6.95	161.35	....	4	627
25	7.20	7.20	5.65A	6.75	7.00	161.55	....	10	627
26	7.40	8.00B	6.30A	7.40	7.90	162.60	....	1	627
29	6.60	8.30B	6.60	8.15B	8.40	163.20	....	8	630
30	8.70	9.00B	7.80	8.20B	8.35	163.15	....	3	629
31	8.50	9.90B	8.20A	9.90B	10.00	164.95	....	8	631

IN SEPTEMBER

1	10.00	10.25B	9.50A	9.60A	9.80	164.75	....	12	632
2	10.35	10.35	9.75A	10.35	10.35	165.35	....	1	632
5	Exchange Closed, Labor Day								
6	12.30	12.30	12.30	12.30	13.40	168.35	....	3	632
7	13.30	13.40	13.00A	13.40	13.65	168.65	380	12	247
8	....	....	13.20A	13.65N	13.15	168.15	10	....	237
9	13.25	13.25	12.35A	12.35A	12.10	167.05	196	2	39
12	12.00	14.00B	10.10A	12.00	10.10	165.15	....	2	39
13	....	....	....	10.10N	10.10	165.15	....	....	39
14	....	....	....	10.10N	10.60	165.50	....	....	39
15	....	....	....	10.60N	10.40	164.38	23	....	15
16	....	....	....	....	....	....	15	....	.....

SEPTEMBER 1983 160.00 CALLS
IN MARCH 1983

1	4.70	# 6.20B	* 4.70	6.20B	6.20	154.90	....	5	5
2	....	....	6.05A	6.20N	6.20	155.10	....	....	5
3	6.60	# 6.70B	6.60	6.70B	6.70	155.80	....	1	6
4	....	....	6.50A	6.70N	6.70	156.10	....	....	6
7	....	....	6.60A	6.65A	6.65	155.95	....	....	6
8	....	....	5.75A	5.75A	5.75	153.30	....	....	6
9	....	6.55B	....	6.55B	6.55	154.80	....	....	6
10	....	....	5.20A	5.20A	5.20	152.60	....	....	6
11	5.75	5.75	5.10	5.20B	5.20	152.70	....	3	9
14	....	....	5.10A	5.10A	5.10	153.10	....	....	9
15	....	5.20B	5.00A	5.20B	5.20	153.30	....	....	9
16	....	....	* 3.95A	3.95A	3.95	150.10	....	....	9
17	....	4.00B	....	4.00B	4.00	150.10	....	....	9
18	....	4.55B	....	4.55B	4.55	151.15	....	....	9
21	....	5.00B	4.45A	5.00B	5.00	153.10	....	....	9
22	....	....	4.20A	4.20A	4.20	151.90	....	....	8
23	....	5.40B	....	5.40B	5.40	155.65	....	....	8
24	5.30	5.50B	5.30	5.40B	5.40	155.90	....	1	9
25	4.70	5.45B	4.70	4.80B	4.80	154.10	....	1	10
28	5.00	5.00	5.00	5.00	5.00	154.15	....	7	17
29	5.70	5.70	5.10A	5.10A	5.10	153.35	....	1	17
30	....	5.50B	....	5.50B	5.50	155.55	....	....	17
31	....	5.80B	5.00A	5.00A	5.00	152.85	....	....	17

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 160.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	4.95A	4.95A	4.95	154.10	....	....	16
5....	5.15	5.20B	3.90A	3.90A	3.90	152.60	....	2	18
6....	4.50	4.50	4.50	4.50	4.50	152.20	....	1	17
7....	4.10	4.55B	4.00	4.30B	4.30	152.65	....	1	18
8....	4.00	4.20B	4.00	4.00	4.00	152.70	....	1	19
11....	4.90	4.90	4.90	4.90	4.90	156.00	....	....	19
12....	5.00	5.40B	4.90	5.40B	5.40	156.55	....	13	30
13....	6.40	6.40	6.00	6.00	6.00	157.30	....	2	30
14....	5.80	# 7.00B	5.80	7.00B	7.00	159.40	....	1	29
15....	....	....	6.95A	7.00N	7.00	159.15	....	....	29
18....	7.00	# 7.30B	7.00	7.30B	7.30	160.05	....	2	28
19....	7.10	7.10	6.40	6.40	6.40	158.90	....	2	29
20....	7.00	# 7.70B	7.00	7.50B	7.50	161.20	....	1	30
21....	7.30	7.60B	7.25	7.25	7.25	160.70	....	7	34
22....	7.60	7.60	7.40A	7.50	7.50	160.65	....	3	37
25....	7.60	# 7.70	6.50	6.50	6.50	159.00	....	12	34
26....	6.60	# 8.00B	6.60	8.00B	8.00	163.10	....	1	35
27....	8.70	# 8.80	8.50	8.60A	8.60	162.75	....	12	45
28....	8.60	# 9.00B	8.20	9.00B	9.00	164.15	....	14	53
29....	9.05	#10.10	9.05	10.10	10.10	165.25	....	2	53
IN MAY									
2....	9.65	9.65	9.00	9.10A	9.10	164.05	....	7	54
3....	8.50	9.00B	8.50	9.00B	9.00	164.35	....	2	53
4....	9.50	9.70B	9.50	9.50	9.50	165.35	....	1	54
5....	9.60	9.70B	9.40A	9.70B	9.70	165.95	....	....	54
6....	....	#11.50B	....	11.50B	11.50	168.60	....	1	54
9....	10.50@.70	11.10	10.30	11.10	11.10	168.35	....	21	58
10....	....	11.20B	....	11.20B	11.20	168.30	....	1	59
11....	10.95	#11.60B	10.10	10.10	10.10	167.10	....	2	59
12....	10.00	10.15B	10.00	10.00	10.00	166.25	....	3	62
13....	10.50	10.50	10.20A	10.50	10.50	167.05	....	2	62
16....	9.50	9.50	9.10	9.20	9.20	165.45	....	2	64
17....	9.50	9.50	9.00	9.00	9.00	165.70	....	9	71
18....	9.75	9.75	8.80	8.80	8.80	164.15	....	6	72
19....	7.95	8.25	7.75A	7.75A	7.75	163.25	....	14	81
20....	7.60	7.80B	7.20	7.20	7.20	163.15	....	7	84
23....	8.60	8.60	6.40A	8.60	8.60	165.15	....	2	87
24....	8.50	9.20	8.50	9.20	9.20	167.45	....	3	85
25....	10.00	10.00	9.60A	10.00	10.00	168.15	....	4	81
26....	....	....	9.50A	9.50A	9.50	167.25	....	....	79
27....	....	9.55B	....	9.55B	9.55	166.80	....	....	78
30....	Exchange Closed, Memorial Day								
31....	9.00	9.00	7.50	7.50	7.50	163.30	....	6	80
IN JUNE									
1....	7.45	7.90B	6.50	7.90B	7.90	163.95	....	10	87
2....	8.30	8.50	7.80A	8.50	8.50	165.55	....	9	89
3....	8.60	8.75	8.60	8.75	8.75	165.75	....	5	94
6....	8.25	9.00B	8.25	9.00B	9.00	166.65	....	6	93
7....	9.00	9.00	6.90A	6.90A	6.90	162.70	....	1	89
8....	6.50	6.50	5.50	5.55B	5.55	161.50	....	9	90
9....	6.00	6.50	5.50	6.20B	6.20	162.65	....	19	102
10....	6.75	7.20	6.50	7.00A	7.00	163.30	....	4	100
13....	7.60	8.50	7.00	8.50	8.50	166.40	....	10	108
14....	8.50	8.60	8.00	8.25	8.25	166.25	....	44	128
15....	9.00	11.00B	9.00	11.00B	11.00	169.25	....	3	132
16....	10.50	#12.25	10.50	12.25	12.25	171.15	....	8	134
17....	11.80	12.15	11.80	12.00	12.70	171.45	....	18	133
20....	11.70	12.00B	11.60	11.90	12.00	170.70	....	36	149
21....	12.00	#13.60	11.70A	13.60	13.60	172.65	....	29	166
22....	13.80	#14.20B	13.20	13.20	13.20	171.75	....	7	172
23....	13.20	13.60	12.90A	13.60	13.60	172.00	....	29	198
24....	13.15	13.30	12.90A	12.90A	12.90	171.20	....	34	232
27....	11.20	11.30B	10.80	11.30B	11.30	169.55	....	40	265
28....	11.90	11.90	9.30	9.30	9.70	167.45	....	21	250
29....	9.35	10.45B	9.35	10.45B	10.45	168.90	....	2	250
30....	10.90	11.40	10.90	11.40	11.40	170.15	....	8	236

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 160.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	11.30	11.80B	11.30	11.80B	11.80	170.25	....	5	241
4	Exchange Closed, Independence Day								
5	9.20	9.40	9.20	9.40	9.70	167.55	....	18	259
6	9.60	11.30B	9.60	11.30B	11.30	169.80	....	65	291
7	10.90	12.10	10.20	10.20	10.20	168.05	....	179	262
8	9.95	10.30B	9.95	9.95	10.30	168.30	....	15	261
11	10.75	10.90B	10.75	10.75	10.85	168.90	....	8	266
12	10.40@.30	10.70	8.75A	8.75	8.75	166.20	....	18	267
13	8.50	8.90B	8.50	8.90B	8.90	166.80	....	14	270
14	9.60	9.60	9.15	9.15	9.15	167.10	....	1	274
15	8.70	8.70	7.70A	8.05	7.55	165.15	....	10	286
18	7.60	8.10	7.60	7.70A	7.70	165.45	....	25	289
19	7.60	8.40B	7.60	8.30	8.30	166.35	....	6	288
20	11.00	11.00	11.00	11.00	11.60	170.35	....	7	280
21	11.40	11.85	11.00A	11.85	11.85	171.00	...	5	282
22	....	....	11.30A	11.30A	11.30	170.05	....	1	282
25	10.30	12.20	10.30	12.20	12.20	171.15	....	12	282
26	12.50	12.70B	11.80A	12.20A	11.10	171.40	....	4	281
27	9.20	12.40B	9.10	9.50	9.50	168.50	....	25	304
28	9.75	9.75	7.75	7.75	7.35	165.65	....	50	334
29	7.40	7.40	5.25A	6.20A	6.00	163.70	....	26	338

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	6.00	6.05B	5.20A	5.70A	5.70	163.10	....	8	348
2	6.00@.05	6.50	5.70A	5.70A	5.70	163.05	....	16	347
3	5.05	6.60B	5.05	6.45B	6.45	164.35	....	11	343
4	6.20	6.20	• 3.50	4.70	4.70	161.45	....	89	404
5	4.85	5.30	4.60A	5.10	5.25	162.75	....	24	415
8	4.25	4.70	4.10A	4.20	4.20	160.55	....	12	416
9	4.45	4.65B	• 3.45	4.60	4.60	161.45	....	167	516
10	4.40	5.50	4.10	5.15	5.15	162.60	....	76	448
11	5.50	5.50	4.60	5.20	5.20	162.60	....	72	451
12	5.20	5.60	5.20	5.45	5.45	163.40	....	35	443
15	5.85	6.70	5.85	6.20A	6.20	164.40	...	34	456
16	6.05	6.50	5.25	5.25	5.70	164.15	....	7	446
17	5.80	6.80	5.80	6.80	6.80	165.65	....	12	450
18	7.00	7.05	5.00	5.00	5.15	163.65	....	22	456
19	4.95	5.55	4.90	5.55	6.15	164.85	....	24	468
22	6.80	6.90B	5.60A	6.00	5.35	164.35	....	19	458
23	5.15	5.15	4.25	4.50	4.40	163.00	....	15	464
24	4.50	4.90B	• 3.25	3.25	3.20	161.35	....	60	512
25	3.30	3.60	• 2.55	3.05	3.20	161.55	....	51	536
26	2.85	3.95	2.75	3.70	3.80	162.60	....	84	548
29	2.90	3.95	2.80	3.90	4.15	163.20	....	159	676
30	4.10	4.40	3.50	3.80B	3.95	163.15	....	62	629
31	3.70	5.40	3.70	5.35	5.35	164.95	....	92	680

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	5.25	5.40B	4.85	4.85	5.10	164.75	....	19	607
2	5.55	5.55	5.00A	5.55	5.55	165.35	....	3	604
5	Exchange Closed, Labor Day								
6	6.65	8.25	6.65	8.25	8.40	168.35	....	46	577
7	8.20	8.80	7.90A	8.60B	8.65	168.65	....	46	523
8	8.55	8.75B	8.05A	8.25	8.15	168.15	....	5	522
9	7.6[illegible]	8.25B	7.25	7.25	7.00	167.05	....	9	518
12	9.00	9.40	4.20	5.20	5.20	165.15	....	83	487
13	5.35	5.35	4.65A	5.10B	5.15	165.15	....	21	491
14	5.20	5.60	4.85A	5.60	5.60	165.50	....	46	468
15	5.20	5.20	4.65	4.65	4.60	164.38	111	13	350
16	....	....	....	....	....	....	350	2	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 165.00 CALLS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31....	3.75	# 3.75	* 3.20A	3.20A	3.20	152.85	....	2	2
				IN APRIL					
1....	Exchange Closed, Good Friday								
4....	....	....	* 3.15A	3.15A	3.15	154.10	....	....	2
5....	....	3.20B	* 1.10A	1.10A	1.10	152.60	....	....	2
6....	....	2.00B	....	2.00B	3.10	152.20	....	....	2
7....	2.70	3.15B	2.60A	2.90B	2.90	152.65	....	1	3
8....	....	....	2.85A	2.90N	2.90	152.70	....	....	3
11....	....	3.05B	....	3.05B	3.05	156.00	....	....	3
12....	....	3.20B	....	3.20B	3.20	156.55	....	....	3
13....	4.00	# 4.25B	4.00	4.00	4.00	157.30	....	1	4
14....	....	# 5.00B	3.85A	5.00B	5.00	159.40	....	....	4
15....	4.50	4.75	4.50	4.75	4.75	159.15	....	1	5
18....	4.75	4.90B	4.50	4.90B	4.90	160.05	....	10	15
19....	4.50	5.00B	4.15	4.15	4.15	158.90	....	24	39
20....	....	4.90B	....	4.90B	3.90	161.20	....	....	39
21....	5.00	# 5.00	4.90A	4.90A	4.90	160.70	....	3	42
22....	5.00	# 5.50	5.00	5.50	5.50	160.05	....	5	46
25....	5.00	# 5.55B	4.70	4.70	4.70	159.00	....	4	44
26....	4.20	# 5.75B	4.20	5.75	5.75	163.10	....	2	43
27....	5.95	# 5.95	5.90A	5.90A	5.90	162.75	....	5	48
28....	....	# 6.50B	....	6.50B	6.50	164.15	....	....	48
29....	6.40	# 7.00B	6.40	7.00B	7.00	165.25	....	2	48
				IN MAY					
2....	7.25	# 7.25	6.30	6.30	6.30	164.05	....	25	42
3....	6.60	6.60	6.20A	6.60	6.60	164.35	....	3	44
4....	6.75	7.20	6.70	7.00	7.00	165.35	....	41	77
5....	6.55	7.20B	6.55	7.20B	7.20	165.95	....	31	100
6....	7.90	# 9.00	7.90	9.00	9.00	168.60	....	8	101
9....	7.90	8.25B	7.90	7.90	8.25	168.35	....	1	100
10....	8.00	8.60	8.00	8.50A	8.50	168.30	....	25	104
11....	7.60	8.55B	7.40	7.40	7.40	167.10	....	3	103
12....	7.10	7.70B	6.50	7.10	7.10	166.25	....	5	105
13....	7.50	7.50	7.40A	7.50	7.50	167.05	....	2	107
16....	6.00	6.25	6.00	6.25	6.25	165.45	....	30	129
17....	6.40	6.60	6.00	6.40	6.40	165.70	....	37	140
18....	6.60	7.00	6.20	6.20	5.80	164.15	....	14	150
19....	5.80	5.80	5.00A	5.00A	5.00	163.25	....	3	151
20....	4.65	5.10B	4.65	5.00	5.00	163.15	....	11	156
23....	3.80	5.75	3.80	5.50	5.50	165.15	....	70	203
24....	6.00	6.50B	6.00	6.50B	6.50	167.45	....	2	201
25....	6.80	7.20	6.25	7.00	7.00	168.15	....	9	206
26....	7.20	7.20	6.70	6.70	6.70	167.25	....	15	218
27....	....	6.75B	....	6.75B	6.75	166.80	....	....	218
30....	Exchange Closed, Memorial Day								
31....	6.15	6.15	5.00	5.00	5.00	163.30	....	7	222
				IN JUNE					
1....	4.50	4.75B	4.50	4.75B	4.75	163.95	....	60	254
2....	5.60	5.60	5.00	5.55	5.55	165.55	....	18	263
3....	5.70	5.75	5.40	5.65A	5.65	165.75	....	16	249
6....	5.70	5.75	5.10	5.75	5.75	166.65	....	9	250
7....	6.00	6.00	3.75	3.75	3.75	162.70	....	63	285
8....	4.20@.25	4.25	3.25	3.25	3.25	161.50	....	29	286
9....	4.00	4.00	3.25	3.85	3.85	162.65	....	55	330
10....	4.20	4.20	4.00	4.00	4.00	163.30	....	31	320
13....	4.50	5.25	4.30	5.25	5.25	166.40	....	28	327
14....	5.25	6.00	5.10	5.50A	5.50	166.25	....	108	365
15....	5.60	7.05	5.40	7.05	7.05	169.25	....	70	410
16....	7.00	8.45	7.00	8.00	8.00	171.15	....	294	516
17....	8.00	8.40	7.50	8.40	8.45	171.45	....	52	519
20....	8.50	8.90	7.85	8.10B	8.15	170.70	....	56	497
21....	8.15	# 9.75	7.70	9.75	9.75	172.65	....	46	526
22....	10.20	#10.75	9.25	9.30A	9.30	171.75	....	15	523
23....	9.40@.50	9.85	8.90A	9.45A	9.40	172.00	....	44	558
24....	9.25	9.30	8.90A	8.90A	8.90	171.20	....	10	566
27....	7.55	7.75	7.40	7.50B	7.50	169.55	....	21	565
28....	7.00	7.85B	6.05	6.50	6.15	167.45	....	133	697
29....	6.00	7.20	6.00	6.90	6.90	168.90	....	112	762
30....	7.25	7.70	7.25	7.70	7.70	170.15	....	5	743

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 165.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	7.75	8.10B	7.70	8.00B	8.10	170.25	....	45	752
4....	Exchange Closed, Independence Day								
5....	6.10	6.40	5.80A	6.40	6.40	167.55	....	15	758
6....	6.60	7.80	6.35	7.80	7.90	169.80	....	266	583
7....	7.50	8.50	6.60	6.60	6.60	168.05	....	37	594
8....	6.75	7.00	6.40	6.60B	6.75	168.30	....	19	600
11....	6.80	7.40	6.80	7.20	7.20	168.90	....	6	591
12....	6.75	6.85	5.45	5.45	5.45	166.20	....	67	607
13....	5.55	5.70	5.30	5.65	5.65	166.80	....	85	657
14....	5.90	6.30	5.85	5.90	5.90	167.10	....	13	660
15....	5.30	5.30	4.35	4.90	4.80	165.15	....	101	739
18....	4.80	4.95	4.40	4.70	4.70	165.45	....	98	801
19....	4.80	5.30	4.75	5.05	5.05	166.35	....	81	833
20....	5.60	7.50	5.60	7.50	7.50	170.35	....	105	887
21....	8.20	8.20	7.10A	7.85B	7.85	171.00	....	33	882
22....	7.35	7.50	7.00	7.10	7.10	170.05	....	10	883
25....	6.60	8.00B	6.40	8.00B	8.00	171.15	....	10	893
26....	8.15	8.70	7.50	8.15A	7.90	171.40	....	59	885
27....	8.05	8.25B	5.80A	5.80A	5.90	168.50	....	59	884
28....	6.00	6.00	3.90	3.90	3.90	165.65	....	111	895
29....	4.00	4.00	2.60	3.15	3.15	163.70	....	299	1010
				IN AUGUST					
1....	2.95	3.50	2.55	3.05A	3.05	163.10	....	233	1002
2....	3.30	3.50	2.80	2.80	2.80	163.05	....	53	1042
3....	2.80	3.60	2.65	3.60	3.60	164.35	....	161	1128
4....	3.20	3.20	1.70	2.30	2.30	161.45	....	628	1444
5....	2.45	2.75	2.15A	2.65B	2.65	162.75	....	172	1602
8....	2.20	2.30	1.80	1.90	1.90	160.55	....	83	1610
9....	2.25	2.25	1.60	2.25@.20	2.20	161.45	....	242	1714
10....	2.05	2.60	1.95	2.40	2.45	162.60	....	161	1772
11....	2.60	2.60	2.10	2.30	2.35	162.60	....	43	1781
12....	2.40	2.60	2.40	2.60	2.60	163.40	....	109	1853
15....	3.05	3.50	2.80	2.80	2.80	164.40	....	105	1871
16....	2.80	2.90	2.25	2.30	2.50	164.15	....	75	1871
17....	2.70@.90	3.55	2.65	3.30	3.30	165.65	....	181	1886
18....	3.35	3.45	2.15	2.15	2.25	163.65	....	117	1940
19....	2.30	2.50	1.90	2.40	2.60	164.85	....	284	2170
22....	3.25	3.25	2.10	2.40	2.40	164.35	....	203	2192
23....	2.25	2.25	1.60	1.75	1.75	163.00	....	162	2217
24....	1.75	2.05	* 1.10	1.10	1.10	161.35	....	32	2207
25....	1.20	1.40	* 0.75	1.20	1.20	161.55	....	95	2264
26....	0.95	1.30	0.95	1.20	1.20	162.60	....	522	2505
29....	0.90	1.25	0.80	1.20	1.20	163.20	....	126	2521
30....	1.30	1.40	0.85	1.05	1.05	163.15	....	267	2687
31....	0.95	1.70	0.95	1.70	1.70	164.95	....	433	3002
				IN SEPTEMBER					
1....	1.80	1.80	1.35	1.45	1.55	164.75	....	113	3036
2....	1.40	1.80	1.40	1.70B	1.75	165.35	....	80	3045
5....	Exchange Closed, Labor Day								
6....	2.30@.20	3.70	2.20	3.70	3.70	168.35	....	249	3071
7....	3.60	4.10	3.30	4.00	4.00	168.65	....	195	3074
8....	3.55@.50	3.90B	3.20	3.55	3.45	168.15	....	82	3045
9....	3.50	3.50	2.50A	2.50A	2.30	167.05	....	49	30[illegible]9
12....	4.10@.25	4.45	1.00	1.15	1.15	165.15	2	363	3124
13....	1.25	1.25	* 0.65	0.95A	0.95	165.15	1	328	3153
14....	0.55	0.95	* 0.55	0.60	0.70	165.50	....	229	3089
15....	0.90@.95	0.95	* 0.002A	0.002A	0.002	164.38	....	283	....
16....	....	....	....	....	....	....	....	30	....
20....	....	....	....	....	....	....	....	3	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 170.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
29	4.80	# 5.30	* 4.80	5.30	5.30	165.25	....	2	1
				IN MAY					
2	....	....	* 4.60A	4.60A	4.60	164.05	....	....	1
3	....	....	* 4.50A	4.50A	4.50	164.35	....	....	1
4	4.75	4.85B	4.75	4.80	4.80	165.35	....	15	15
5	5.00	5.00	4.70A	5.00	5.00	165.95	....	3	16
6	5.30	# 6.50B	5.30	6.50B	6.50	168.60	....	25	40
9	5.00	6.00	5.00	5.80B	5.80	168.35	....	15	50
10	5.70@.60	5.95	5.50	5.95	5.95	168.30	....	49	96
11	5.60	5.60	5.20	5.20	5.20	167.10	....	42	115
12	5.00	5.50B	* 4.50	4.50	4.50	166.25	....	13	127
13	5.00	5.00	5.00	5.00	5.00	167.05	....	15	142
16	4.20	4.20	* 3.80	4.10B	4.10	165.45	....	17	135
17	4.00	4.40B	3.80	3.85	3.85	165.70	....	69	183
18	4.50	4.70	* 3.60	3.60	3.60	164.15	....	50	198
19	3.65	3.65	* 3.10	3.20B	3.20	163.25	....	23	220
20	2.90	3.25B	* 2.90	2.90	2.90	163.15	....	6	225
23	2.50	3.50	* 2.50	3.50	3.50	165.15	....	23	232
24	3.50	4.50	3.50	4.45	4.45	167.45	....	38	256
25	4.80	4.80	4.40	4.50	4.50	168.15	....	93	325
26	4.75	4.75	4.25	4.25	4.25	167.25	....	218	533
27	4.25	4.25	3.75	3.75	3.75	166.80	....	9	526
30	Exchange Closed, Memorial Day								
31	3.50	3.50	2.90A	2.90A	2.90	163.30	....	13	535
				IN JUNE					
1	2.85	3.00	2.85	3.00	3.00	163.95	....	3	529
2	3.05	3.60	2.90	3.60	3.60	165.55	....	15	520
3	3.75	3.75	3.50A	3.50A	3.50	165.75	....	10	513
6	3.50	3.65B	3.40	3.50	3.50	166.65	....	14	526
7	3.30	3.55B	2.50A	2.50A	2.50	162.70	....	9	534
8	2.50	2.50	* 2.05	2.10	2.10	161.50	....	66	480
9	2.10	2.15B	* 1.90	2.10B	2.10	162.65	....	16	484
10	2.15	2.40	2.15	2.40	2.40	163.30	....	6	485
13	2.50	3.25B	2.50	3.25B	3.25	166.40	....	5	488
14	3.25	3.60B	3.00	3.30	3.30	166.25	....	71	543
15	3.50	4.50	3.30	4.50	4.50	169.25	....	63	583
16	5.00	5.60	4.50	5.25	5.25	171.15	....	296	699
17	5.15	5.40	4.60	5.35@.20	5.40	171.45	....	187	751
20	5.40@.50	5.70	4.80	5.25	5.30	170.70	....	259	819
21	5.40	# 6.50	4.85	6.50	6.50	172.65	....	173	863
22	6.65	# 7.00	5.95	6.00	6.00	171.75	....	96	905
23	5.75	6.25B	5.70	6.15	6.15	172.00	....	71	856
24	5.90	6.25	5.80A	5.80A	5.80	171.20	....	25	862
27	5.70	5.70	4.40A	4.60	4.60	169.55	....	57	875
28	5.10	5.10	3.55	3.70B	3.70	167.45	....	219	986
29	3.80	4.40	3.55	4.15	4.15	168.90	....	428	1242
30	4.60	4.90	4.40	4.85	4.85	170.15	....	128	1281
				IN JULY					
1	4.90	5.20	4.75	5.00	5.00	170.25	....	372	1333
4	Exchange Closed, Independence Day								
5	4.00	4.00	3.30	3.70	3.70	167.55	....	261	1454
6	3.95	4.60	3.80	4.60	4.75	169.80	....	153	1472
7	4.25	5.50	3.80	4.15	4.15	168.05	....	296	1552
8	4.25	4.40B	3.80	4.00	4.00	168.30	....	23	1546
11	4.40	4.60	4.10	4.30	4.30	168.90	....	140	1535
12	4.05	4.05	3.10	3.25	3.25	166.20	....	254	1642
13	3.25	3.50	3.00	3.25B	3.25	166.80	....	166	1656
14	3.60	3.90	3.35	3.50	3.50	167.10	....	103	1709
15	3.30@.25	3.30	2.50	2.55	2.55	165.15	....	285	1905
18	2.55	2.80	2.25	2.50	2.50	165.45	....	98	1903
19	2.75	3.00	2.65	2.90	2.90	166.35	....	181	1925
20	3.40	4.50	3.40	4.40	4.40	170.35	....	255	2028
21	4.40	5.00	3.90	4.65B	4.65	171.00	....	130	2116
22	4.20	4.75	4.10	4.15	4.15	170.05	....	256	2087
25	3.80@.75	5.10	3.70	4.70	4.70	171.15	....	355	2198
26	4.70	5.25	4.35	4.80A	4.80	171.40	....	101	2243
27	4.90	5.00B	3.00	3.15	3.15	168.50	....	255	2286
28	3.05	3.20	2.00	2.00	2.00	165.65	....	375	2380
29	1.80	2.05	* 1.40A	1.70	1.70	163.70	....	394	2309

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 170.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	1.50	1.70	* 1.30	1.40	1.40	163.10	....	104	2265
2	1.70	1.95	* 1.25	1.25	1.25	163.05	....	77	2240
3	1.30	1.70	* 1.20	1.70	1.70	164.35	....	70	2228
4	1.55	1.55	* 0.90	1.10	1.10	161.45	....	227	2266
5	1.05	1.40	1.00	1.35	1.35	162.75	....	221	2259
8	1.00	1.10	* 0.80	0.80	0.80	160.55	....	105	2209
9	1.10	1.10	* 0.70	0.95	0.95	161.45	....	58	2193
10	0.80	1.20	0.80	1.15	1.15	162.60	....	60	2239
11	1.15	1.20B	0.90	0.90	0.90	162.60	....	66	2247
12	0.95	1.10	0.95	1.10	1.10	163.40	....	136	2356
15	1.40	1.45	1.20A	1.20A	1.20	164.40	....	20	2363
16	1.20	1.30	0.95	1.00	1.00	164.15	....	84	2371
17	1.10	1.45	1.00	1.30	1.30	165.65	....	207	2480
18	1.40	1.40	0.75	0.75	0.80	163.65	....	34	2487
19	0.75	0.85	0.70	0.80	0.90	164.85	....	30	2491
22	1.15	1.30	0.80A	0.80A	0.80	164.35	....	54	2489
23	0.65	0.65	* 0.50	0.55A	0.55	163.00	....	56	2497
24	0.60	0.60	* 0.30A	0.30A	0.30	161.35	....	25	2503
25	0.40	0.40	* 0.20	0.25	0.25	161.55	....	166	2507
26	0.15	0.25	* 0.15	0.25	0.25	162.60	....	93	2559
29	0.15	0.25	0.15	0.25	0.25	163.20	....	41	2566
30	0.25	0.30	0.20	0.20	0.20	163.15	....	19	2565
31	0.20	0.30	0.20	0.30	0.30	164.95	....	483	2441

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	0.30	0.30	0.20	0.20	0.20	164.75	....	109	2499
2	0.20	0.35	0.20	0.30	0.30	165.35	....	90	2425
5	Exchange Closed, Labor Day								
6	0.45	0.75	0.40	0.75	0.75	168.35	....	286	2513
7	0.75	0.90	0.45	0.65	0.65	168.65	....	253	2293
8	0.55	0.60	0.40	0.40	0.40	168.15	....	60	2303
9	0.45	0.45	0.30	0.40	0.40	167.05	....	289	2345
12	0.75	0.90	0.15	0.15	0.15	165.15	....	249	2320
13	0.10	0.15	* 0.002	0.05	0.05	165.15	....	141	2359
14	0.002	0.002	0.002	0.002	0.002	165.50	....	9	2339
15	0.002	0.002	0.002	0.002	0.002	164.38	....	13	....
16	....	....	....	....	....	....	....	3	....
20	....	....	....	....	....	....	....	1	....

SEPTEMBER 1983 175.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
16	2.30	# 2.30	* 2.30	2.30	2.30	165.45	....	8	8
17	....	# 2.35B	....	2.35B	2.35	165.70	....	....	8
18	2.50	# 2.50	2.50	2.50	2.50	164.15	....	2	8
19	2.00	# 2.60B	* 1.75A	1.75A	1.75	163.25	....	2	10
20	1.75	1.80B	* 1.30	1.70	1.70	163.15	....	16	26
23	1.60	1.80B	1.60	1.80B	1.80	165.15	....	15	39
24	2.20	2.20	2.20	2.20	2.20	167.45	....	100	139
25	2.60	# 2.75	2.60	2.75	2.75	168.15	....	91	230
26	2.70	2.75	2.50A	2.50A	2.50	167.25	....	6	233
27	2.75	2.75	2.40	2.40	2.40	166.80	....	29	244
30	Exchange Closed, Memorial Day								
31	2.20	2.20	1.40	1.40	1.40	163.30	....	15	256

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 175.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	1.50	1.50	1.40	1.50	1.50	163.95	....	33	271
2....	1.60	1.80B	1.60	1.80B	1.80	165.55	....	4	275
3....	2.00	2.05	1.90A	1.90A	1.90	165.75	....	3	278
6....	1.95	1.95	1.60	1.70B	1.70	166.65	....	6	281
7....	1.95	1.95	* 1.20	1.20	1.20	162.70	....	51	297
8....	1.20	1.20	* 1.05	1.05	1.05	161.50	....	15	300
9....	1.15	1.15	1.05	1.15	1.15	162.65	....	7	302
10....	1.15	1.30	1.10	1.10	1.10	163.30	....	38	313
13....	1.20	2.00	1.20	2.00	2.00	166.40	....	52	343
14....	1.70	2.00	1.70	1.80	1.80	166.25	....	13	346
15....	1.70	2.15	1.55	2.15	2.15	169.25	....	9	346
16....	2.50	# 3.05	2.30	2.90	2.90	171.15	....	875	1105
17....	2.80	3.05	2.70	3.00	3.00	171.45	....	93	1153
20....	3.10	# 3.20B	2.70A	2.75	2.75	170.70	....	178	1313
21....	2.70	# 4.00	2.50	3.80	3.80	172.65	....	555	1527
22....	4.00@3.80	# 4.30	3.40	3.50	3.50	171.75	....	286	1613
23....	3.50	3.70	3.15	3.50A	3.50	172.00	....	147	1713
24 ...	3.15	3.70B	3.15	3.30	3.30	171.20	....	139	1757
27....	3.40	3.40	2.50	2.55@.50	2.55	169.55	....	76	1832
28....	2.90	2.90	1.95	1.95	1.95	167.45	....	111	1782
29....	2.00	2.30	1.90	2.20	2.20	168.90	....	476	2134
30....	2.30	2.60B	2.20	2.50B	2.50	170.15	....	110	2211
IN JULY									
1....	2.55	2.80	2.50	2.65A	2.65	170.25	....	61	2218
4....	Exchange Closed, Independence Day								
5....	2.00	2.00	1.80	1.95	1.95	167.55	....	124	2270
6....	2.00	2.70	1.80	2.65	2.65	169.80	....	199	2358
7....	2.45	2.00	2.00	2.10	2.10	168.05	....	335	2553
8....	2.15	2.20	1.90	2.05	2.05	168.30	....	150	2470
11....	2.25	2.30	2.20	2.20@.25	2.20	168.90	....	9	2445
12....	2.00@1.95	2.10	1.55	1.65	1.65	166.20	....	267	2648
13....	1.60	1.70	1.40	1.55A	1.55	166.80	....	73	2674
14....	1.80	1.85	1.70	1.70	1.70	167.10	....	119	2655
15....	1.50	1.50	1.25	1.25	1.25	165.15	....	58	2687
18....	1.30	1.30	1.05	1.25	1.25	166.45	....	116	2679
19....	1.35	1.40	1.25	1.25	1.25	166.35	....	44	2654
20....	1.75	2.30B	1.60	2.30B	2.30	170.35	....	66	2665
21....	2.25	2.60	2.00A	2.35	2.35	171.00	....	92	2677
22....	2.15	2.30	2.05	2.05	2.05	170.05	....	122	2681
25....	1.80@.75	2.60	1.75	2.40	2.40	171.15	....	165	2784
26....	2.45	2.85	2.15	2.30A	2.30	171.40	....	343	2891
27....	2.70	2.70	1.25	1.35	1.35	168.50	....	208	2903
28....	1.35	1.55	* 0.90	0.90	0.90	165.65	....	342	2847
29....	0.85	0.95	* 0.50	0.65	0.65	163.70	....	368	2581
IN AUGUST									
1....	0.65	0.65	* 0.45	0.55A	0.55	163.10	....	105	2543
2....	0.60	0.70	0.50	0.50	0.50	163.05	....	41	2573
3....	0.55	0.70	0.55	0.65	0.65	164.35	....	15	2574
4....	0.60	0.60	* 0.30	0.45	0.45	161.45	....	78	2574
5....	0.40	0.50	0.40	0.50	0.50	162,75	....	86	2590
8....	0.35	0.45	0.30	0.30	0.30	160.55	....	139	2547
9....	0.35	0.40	0.25	0.35	0.35	161.45	....	74	2583
10....	0.35	0.40	0.30	0.40	0.40	162.60	....	166	2495
11....	0.45	0.45	0.35	0.35	0.35	162.60	....	31	2492
12....	0.35	0.35	0.35	0.35	0.35	163.40	....	6	2503
15....	0.45	0.50	0.40	0.40A	0.40	164.40	....	245	2489
16....	0.35	0.35	0.25	0.25	0.25	164.15	....	159	2446
17....	0.30	0.40	0.25	0.40	0.40	165.65	....	163	2486
18....	0.45	0.45	0.25	0.25	0.25	163.65	....	216	2375
19....	0.25	0.25	0.25	0.25	0.25	164.85	....	141	2515
22....	0.25	0.30B	* 0.20	0.20	0.20	164.35	....	97	2600
23....	0.20	0.20	* 0.10	0.10	0.10	163.00	....	68	2563
24....	0.10	0.15	* 0.05	0.05	0.05	161.35	....	90	2615
25....	0.05	0.10	0.05	0.05	0.05	161.55	....	571	2217
26....	0.05	0.05	0.05	0.05	0.05	162.60	....	7	2192
29....	0.05	0.05	0.05	0.05	0.05	163.20	....	1280	1790
30....	0.05	0.05	0.05	0.05	0.05	163.15	....	8	1785
31....	0.05	0.05	0.05	0.05	0.05	164.95	....	46	1786

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 175.00 CALLS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.05	0.05	0.05	0.05	0.05	164.75	....	....	1796
2....	0.002	0.05	* 0.002	0.002	0.002	165.35	....	173	1799
5....	Exchange Closed, Labor Day								
6....	0.05	0.05	0.05	0.05	0.05	168.35	....	12	1798
7....	0.10	0.10	0.05	0.05	0.05	168.65	....	134	1690
8....	0.05	0.05	0.05	0.05	0.05	168.15	....	149	1670
9....	0.002	0.002	0.002	0.002	0.002	167.05	....	7	1648
12....	0.10	0.10	0.05A	0.05A	0.05	165.15	....	6	1652
13....	0.002	0.002	0.002	0.002	0.002	165.15	....	11	1649
14....	0.002	0.002	0.002	0.002	0.002	165.50	....	7	1645
15....	0.002	0.002	0.002	0.002	0.002	164.38	....	5	....

SEPTEMBER 1983 180.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
17....	1.80	# 1.80	* 1.70	1.70	1.70	171.45	....	3	3
20....	1.70	1.80	* 1.45	1.50B	1.50	170.70	....	11	14
21....	1.50	# 1.90B	1.50	1.90B	1.90	172.65	....	13	25
22....	1.90	# 2.15	1.75A	1.75A	1.75	171.75	....	330	316
23....	1.80	2.00	1.65A	1.85	1.85	172.00	....	218	432
24....	1.70	1.90	1.70	1.90	1.90	171.20	....	53	483
27....	1.60	1.70	* 1.30	1.35	1.35	169.55	....	29	491
28....	1.30	1.40	* 0.95A	0.95A	0.95	167.45	....	126	568
29....	0.90	1.10	* 0.85	1.10	1.10	168.90	....	37	556
30....	1.30	1.30	1.30	1.30	1.30	170.15	....	8	546

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	1.20	1.35	1.20	1.35	1.35	170.25	....	1	545
4....	Exchange Closed, Independence Day								
5....	0.85	0.90	* 0.75	0.85	0.85	167.55	....	21	556
6....	1.00	1.25	0.85	1.25	1.25	169.80	....	22	571
7....	1.10	1.35	1.00	1.00	1.00	168.05	....	11	583
8....	1.00	1.00	0.90	0.90	0.90	168.30	....	9	575
11....	1.10	1.10	1.00	1.00A	1.00	168.90	....	2	572
12....	0.95	0.95	* 0.70	0.70	0.70	166.20	....	59	618
13....	0.70	0.70	* 0.65	0.70	0.70	166.80	....	23	636
14....	0.80	0.85	0.70	0.70	0.70	167.10	....	12	645
15....	0.65	0.65	0.50	0.60	0.60	165.15	....	11	647
18....	0.55	0.60	0.50	0.55A	0.55	165.45	....	10	652
19....	0.65	0.65	0.60	0.60	0.60	166.35	....	6	651
20....	0.65@.75	1.10	0.65	1.10	1.10	170.35	....	63	625
21....	1.05	1.20	1.00	1.05	1.05	171.00	....	20	635
22....	1.00	1.05	0.90	1.05	1.05	170.05	....	14	641
25....	0.75	1.20	0.75	1.05	1.05	171.15	....	16	649
26....	1.05	1.25	1.00	1.00	1.00	171.40	....	28	661
27....	1.20	1.20	0.55	0.60	0.60	168.50	....	54	660
28....	0.55	0.65	* 0.40	0.40	0.40	165.65	....	416	653
29....	0.40	0.40	* 0.25	0.25	0.25	163.70	....	35	671

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

SEPTEMBER 1983 180.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.25	0.25	* 0.20	0.20	0.20	163.10	....	12	676
2....	0.20	0.20	0.20	0.20	0.20	163.05	....	71	655
3....	0.25	0.25	0.25	0.25	0.25	164.35	....	2	654
4....	0.15	0.25	* 0.15	0.15	0.15	161.45	....	22	650
5....	0.15	0.15	0.15	0.15	0.15	162.75	....	4	649
8....	0.15	0.15	* 0.10	0.10	0.10	160.55	....	6	651
9....	0.15	0.20	0.10	0.15A	0.15	161.45	....	36	651
10....	0.15	0.15	0.15	0.15	0.15	162.60	....	3	650
11....	....	....	0.10A	0.10A	0.10	162.60	....	1	654
12....	....	....	....	0.10N	0.10	163.40	....	....	654
15....	0.15	0.15	0.15	0.15	0.15	164.40	....	1	656
16....	....	....	....	0.15N	0.15	164.15	....	....	654
17....	0.05	0.10B	* 0.05	0.10B	0.10	165.65	....	4	652
18....	0.10	0.10	0.05	0.05	0.05	163.65	....	38	661
19....	0.05	0.05	0.05	0.05	0.05	164.85	....	20	681
22....	....	....	....	0.05N	0.05	164.35	....	....	681
23....	....	....	....	0.05N	0.05	163.00	....	....	661
24....	....	....	....	0.05N	0.05	161.35	....	....	661
25....	....	....	....	0.05N	0.05	161.55	....	....	661
26....	....	....	....	0.05N	0.05	162.60	....	....	661
29....	....	....	....	0.05N	0.05	163.20	....	....	661
30....	....	....	....	0.05N	0.05	163.15	....	....	660
31....	....	....	....	0.05N	0.05	164.95	....	....	660

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.05N	0.05	164.75	....	....	660
2....	....	....	....	0.05N	0.05	165.35	....	....	660
5....	Exchange Closed, Labor Day								
6....	....	....	....	0.05N	0.05	168.35	....	....	660
7....	....	....	....	0.05N	0.05	168.65	....	....	660
8....	0.002	0.002	* 0.002	0.002	0.002	168.15	....	68	592
9....	....	....	....	0.002N	0.002	167.05	....	....	592
12....	0.002	0.002	0.002	0.002	0.002	165.15	....	3	589
13....	....	....	....	0.002N	0.002	165.15	....	....	589
14....	....	....	....	0.002N	0.002	165.50	....	....	589
15....	....	....	....	0.002N	0.002	164.38	....	....	....

DECEMBER 1983 155.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
18....	13.00	#13.50	*13.00	13.50	13.50	164.95	....	4	2
19....	....	....	13.10A	13.10A	13.10	166.05	....	....	2
22....	....	....	....	13.10N	13.10	165.65	....	....	2
23....	....	....	....	13.10N	13.10	164.30	....	....	2
24....	....	....	*12.30A	12.30A	12.30	162.70	....	....	2
25....	....	....	....	12.30N	12.30	162.80	....	....	2
26....	11.00	11.20B	*10.30A	11.20B	11.20	163.85	....	2	4
29....	....	....	....	11.20N	11.20	164.25	....	....	4
30....	....	....	....	11.20N	11.20	164.25	....	....	4
31....	....	11.60B	....	11.60B	12.00	165.95	....	....	4

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	12.25	12.25	12.25	12.25	12.25	166.00	....	1	5
2....	....	....	....	12.25N	12.25	166.70	....	....	5
5....	Exchange Closed, Labor Day								
6....	....	....	....	12.25N	12.25	169.60	....	....	5
7....	....	#15.00B	....	15.00B	16.00	170.10	....	....	5
8....	....	....	....	16.00N	16.00	169.85	....	....	5
9....	....	....	....	16.00N	14.70	168.55	....	....	5
12....	13.50	#15.85B	13.50	13.50	13.00	166.60	....	1	5
13....	12.00	12.45	12.00	12.45	12.40	166.95	....	10	10
14....	....	13.20B	....	13.20B	13.70	167.50	....	....	10
15....	....	....	....	13.70N	12.80	166.55	....	....	10
16....	....	....	....	12.80N	14.90	168.95	....	....	10
19....	....	....	....	14.90N	15.65	170.15	....	....	10
20....	16.05	#16.50	16.05	16.40A	16.40	171.25	....	56	57
21....	....	....	15.55A	15.55A	16.00	170.75	....	....	57
22....	....	....	....	16.00N	17.00	171.70	....	....	57
23....	....	....	16.50A	16.50A	16.80	171.40	....	....	57
26....	....	#17.50B	....	17.50B	16.80	171.50	....	....	57
27....	....	....	....	16.80N	16.80	170.40	....	....	57
28....	....	....	15.00A	15.00A	15.30	170.00	....	....	57
29....	....	....	14.75A	14.75A	14.75	169.40	....	....	57
30....	....	14.80B	13.90A	13.90A	13.80	168.25	....	....	57

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 155.00 CALLS IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
3....	....	13.90B	12.85A	13.90B	13.90	168.45	....	....	57
4....	....	14.20B	13.60A	13.60A	13.80	168.50	....	....	57
5....	....	14.90B	13.60A	14.90B	15.30	170.10	....	....	57
6....	....	17.00B	....	17.00B	17.00	171.95	....	....	57
7....	....	17.20B	....	17.20B	17.20	172.10	....	....	57
10....	....	#18.50B	16.60A	18.50B	19.05	174.05	....	....	57
11....	....	....	17.00A	19.05N	16.80	171.60	....	....	57
12....	....	....	16.70A	16.70A	16.10	171.05	....	....	57
13....	....	16.75B	....	16.75B	16.95	171.95	50	....	7
14....	....	17.00B	....	16.95N	16.65	171.65	....	....	7
17....	....	....	....	16.65N	17.50	172.50	....	....	7
18....	....	....	17.00A	17.00A	15.10	169.95	....	....	7
19....	....	....	12.70A	12.70A	13.70	168.50	....	....	7
20....	....	14.20B	....	13.70N	14.00	168.90	....	....	7
21....	....	....	13.40A	13.40A	13.00	167.70	....	....	7
24....	....	....	11.40A	13.00N	13.60	168.30	....	....	7
25....	....	....	....	13.60N	13.25	168.10	....	....	7
26....	....	....	12.10A	12.10A	12.00	166.85	....	....	7
27....	....	....	....	12.00N	12.40	167.15	....	....	7
28....	....	12.50B	10.50A	10.50A	10.50	165.35	....	....	7
31....	....	10.70B	*10.00A	10.50N	10.60	165.45	....	....	7
IN NOVEMBER									
1....	....	10.70B	10.00A	10.70B	10.70	165.60	....	....	7
2....	....	....	10.45A	10.45A	11.75	166.70	....	....	7
3....	....	....	10.70A	10.70A	10.20	165.05	....	....	7
4....	....	....	* 9.30A	9.30A	9.50	164.20	....	....	7
7....	....	9.70B	* 9.10A	9.10A	8.80	163.45	....	....	7
8....	....	9.15B	....	9.00B	9.00	163.75	....	....	7
9....	....	10.00B	....	9.00N	11.15	165.95	....	....	7
10....	....	11.40B	....	11.40B	11.35	166.20	....	....	7
11....	....	12.00B	....	12.00B	12.85	167.85	....	....	7
14....	....	13.50B	12.60A	12.85N	12.80	167.80	....	....	7
15....	....	....	11.70A	11.70A	11.70	166.65	....	....	7
16....	....	....	....	11.70N	11.85	166.80	....	....	7
17....	....	11.90B	11.70A	11.90B	12.20	167.10	....	....	7
18....	12.05	12.05	10.80A	12.05	11.70	166.70	....	11	15
21....	....	12.70B	....	12.70B	12.85	167.85	....	....	15
22....	...	13.00B	....	13.00B	12.80	167.85	....	....	15
23....	....	....	12.25A	12.25A	13.15	168.15	....	....	14
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	....	12.00A	12.00A	11.95	166.90	....	....	14
29....	....	13.75B	11.90A	13.75B	13.75	168.75	....	....	14
30....	....	....	....	13.75N	11.40	166.40	....	....	14
IN DECEMBER									
1....	....	....	....	11.40N	12.45	167.45	....	....	14
2....	....	....	11.20A	11.20A	11.00	165.95	....	....	14
5....	....	....	....	11.00N	11.80	166.80	....	....	14
6....	....	....	11.45A	11.80N	11.05	166.05	....	....	14
7....	....	....	11.00A	11.00A	11.75	166.75	1	....	13
8....	....	....	11.50A	11.50A	10.45	165.45	....	....	13
9....	....	....	....	10.45N	10.30	165.30	1	....	12
12....	....	10.50B	....	10.50B	11.15	166.15	....	....	12
13....	....	...	10.80A	10.80A	10.00	165.00	....	....	12
14....	....	10.10B	* 8.75A	8.75A	8.50	163.50	....	....	12
15....	....	....	* 7.00A	7.00A	6.65	161.67	....	....	12
16....	....	....	....	....	....	....	12	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 160.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
5	8.20	# 8.20	* 8.20	8.20	8.20	164.10	....	10	10
8	7.00	7.00	* 7.00	7.00	7.00	161.90	....	27	27
9	7.30	7.50B	7.00	7.50B	7.50	162.75	....	15	42
10	....	....	....	7.50N	7.50	163.90	....	....	42
11	....	# 8.30B	....	8.30B	8.30	163.90	....	....	42
12	....	....	....	8.30N	8.30	164.70	....	....	42
15	....	# 9.20B	....	9.20B	9.80	165.80	....	....	42
16	....	....	....	9.80N	8.80	165.45	....	....	42
17	....	#10.50B	....	10.50B	10.50	166.95	....	....	42
18	....	....	9.90A	9.90A	9.00	164.95	....	....	42
19	9.00	9.20B	9.00	9.20B	9.40	166.05	....	1	42
22	....	....	....	9.40N	9.00	165.65	....	....	42
23	....	....	....	9.00N	8.30	164.30	....	....	42
24	8.30	8.30	7.05A	7.05A	7.05	162.70	....	2	44
25	....	7.25B	7.00A	7.00A	7.00	162.80	....	1	45
26	....	8.00B	....	8.00B	7.80	163.85	....	....	45
29	8.00	8.00	7.50A	8.00	8.00	164.25	....	3	48
30	8.00	8.00	8.00	8.00	8.00	164.25	....	1	49
31	8.05	8.60	8.05	8.60	8.60	165.95	....	3	52
IN SEPTEMBER									
1	8.75	8.75	8.30	8.40	8.40	166.00	....	3	54
2	8.80	8.90B	8.80	8.85	9.40	166.70	....	2	56
5	Exchange Closed, Labor Day								
6	....	10.50B	....	10.50B	12.00	169.60	....	....	56
7	11.40	#11.80B	11.40	11.40	12.20	170.10	....	2	57
8	....	....	11.45A	12.20N	11.70	169.85	....	....	57
9	....	....	11.50A	11.50A	10.70	168.55	....	....	57
12	9.60	11.75B	9.60	9.60	9.10	166.60	....	....	57
13	8.70	9.00B	8.70	9.00B	9.40	166.95	....	6	57
14	9.30	9.70B	9.30	9.70B	9.80	167.50	....	10	67
15	9.80	9.80	9.00A	9.00A	8.90	166.55	....	30	93
16	9.10	10.40	9.10	10.40	10.50	168.95	....	100	145
19	10.60	11.50B	10.60	11.20	11.40	170.15	....	9	145
20	....	#12.20B	....	11.40N	12.20	171.15	....	1	145
21	11.70	11.70	11.30A	11.70	11.80	170.75	....	1	124
22	12.00	#12.80B	11.60	12.80B	12.60	171.70	....	2	118
23	....	....	12.20A	12.60N	12.60	171.40	....	....	118
26	12.40	12.80B	11.90A	12.80	12.20	171.50	....	2	113
27	11.80	11.80	10.80A	11.80	11.55	170.40	....	2	113
28	10.85	11.00B	10.85	10.90B	11.10	170.00	....	2	113
29	10.40	10.60B	10.40	10.40	10.40	169.40	....	1	113
30	9.35	10.45B	9.35	9.45	9.45	168.25	....	15	128
IN OCTOBER									
3	8.55	9.30B	8.55	9.30B	9.55	168.45	....	1	128
4	....	10.00B	9.40A	9.40A	9.50	168.50	....	1	129
5	....	10.60B	9.20A	10.60B	10.80	170.10	....	....	129
6	11.30	12.15B	11.30	12.15B	12.40	171.95	....	1	129
7	12.20	12.50B	12.10	12.15	12.50	172.10	....	9	122
10	11.60	#14.00B	11.60	14.00B	14.25	174.05	....	1	122
11	12.90	13.00B	12.00A	12.00A	12.15	171.60	....	2	117
12	....	....	11.20A	11.20A	11.60	171.05	....	....	116
13	11.75	12.30B	10.90A	12.30B	12.40	171.95	....	1	116
14	....	12.45B	11.25A	12.40N	12.05	171.65	....	....	116
17	....	13.60B	11.60A	12.05N	12.80	172.50	....	....	116
18	....	....	10.20A	10.20A	10.50	169.95	....	....	116
19	8.20	8.90B	8.20	8.90B	9.15	168.50	....	56	132
20	....	9.60B	8.70A	9.45B	9.45	168.90	....	....	132
21	9.25	9.55B	7.90	8.00	8.45	167.70	....	38	149
24	7.30	9.10	7.30	9.00	9.00	168.30	....	161	207
25	9.25	9.40	8.85A	8.85A	8.85	168.10	....	88	287
26	8.80	8.95B	7.85A	7.85A	7.65	166.85	....	5	292
27	7.65	8.00	7.45	7.90	7.90	167.15	....	56	318
28	8.10	8.25B	* 6.30	6.40B	6.50	165.35	....	132	412
31	6.60	6.95B	* 5.80	6.75	6.55	165.45	....	69	465

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 160.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	5.85	6.85B	5.85	6.40	6.70	165.60	....	5	467
2....	7.40	7.80B	6.65A	7.50	7.55	166.70	....	3	468
3....	7.40	7.40	6.10	6.10	6.10	165.05	....	21	467
4....	5.90	5.90	* 5.20A	5.85	5.55	164.20	....	9	479
7....	5.50	5.85B	* 4.90A	4.90A	4.90	163.45	....	199	486
8....	5.00	5.20B	* 4.90	4.90	5.00	163.75	....	29	317
9....	5.20	6.70	5.20	6.70	6.70	165.95	....	152	400
10....	7.00	7.35	6.60	6.85	6.85	166.20	....	149	531
11....	7.20	8.20	6.70A	8.15	8.15	167.85	....	133	623
14....	8.55	8.70B	7.80	8.00B	8.15	167.80	....	10	617
15....	8.00	8.20B	7.10A	7.10A	7.10	166.65	....	5	617
16....	7.25	7.60	6.65	6.80B	7.15	166.80	...	42	635
17....	7.35	7.55	6.75A	7.35A	7.55	167.10	....	2	625
18....	....	....	6.40A	7.55N	7.05	166.70	....	....	615
21....	7.50	8.20B	7.50	8.00	8.00	167.85	....	26	612
22....	8.55	8.55	7.90A	8.20	7.95	167.85	....	10	586
23....	8.00	8.15B	7.50A	7.50A	8.20	168.15	...	7	586
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	7.20	7.20	6.80A	6.90A	7.05	166.90	....	2	586
29....	7.30	8.90B	7.00A	8.90B	8.75	168.75	....	5	586
30....	9.10	9.25B	6.80A	6.80A	6.45	166.40	....	3	589

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	6.55	7.55B	6.55	7.55B	7.55	167.45	....	15	589
2....	6.40	6.40	5.90	5.95B	6.05	165.95	....	6	591
5....	....	6.85B	5.20A	6.85B	6.85	166.80	....	....	591
6....	6.40	6.90B	6.20A	6.20A	6.10	166.05	....	....	591
7....	6.05	7.05B	6.00A	6.65B	6.80	166.75	....	3	591
8....	6.50	6.50	5.40	5.40	5.50	165.45	....	4	595
9....	5.55	5.70B	5.00A	5.35	5.35	165.30	....	26	590
12....	....	6.10B	....	6.10B	6.20	166.15	....	15	590
13....	....	....	5.20A	5.20A	5.00	165.00	....	....	590
14....	5.20	5.25B	* 3.65A	3.65A	3.50	163.50	....	10	590
15....	3.10	3.10	* 1.85A	1.85A	1.65	161.67	1	27	578
16....	....	....	....	....	....	....	578	3	3
19....	....	....	....	....	....	....	3	....	....

DECEMBER 1983 165.00 CALLS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
14....	5.50@6.00	# 6.00	* 5.50	6.00	6.00	160.60	...	2	2
15....	....	# 6.50B	....	6.50B	6.50	160.40	....	....	2
18....	....	# 6.55B	....	6.55B	6.55	161.30	....	....	2
19....	....	....	....	6.55N	6.55	160.00	....	....	2
20....	....	# 6.60B	....	6.60B	6.60	162.45	....	....	2
21....	....	....	6.50A	6.50A	6.50	161.65	....	....	2
22....	....	# 7.00B	....	7.00B	7.00	161.90	....	....	2
25....	....	....	....	7.00N	7.00	160.15	....	....	2
26....	6.75	# 8.00B	6.75	8.00B	8.00	164.25	....	2	4
27....	7.50	7.50	7.00A	7.50	7.50	163.90	....	....	4
28....	....	# 8.50B	....	8.50B	8.50	165.30	....	1	5
29....	...	....	....	8.50N	8.50	166.40	....	....	5

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 165.00 CALLS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
2	....	....	....	8.50N	8.50	165.30	....	....	5
3	....	....	....	8.50N	8.50	165.50	....	....	5
4	....	# 8.70B	....	8.70B	8.70	166.50	....	....	5
5	....	# 9.00B	....	9.00B	9.00	167.10	....	....	5
6	....	#10.00B	....	10.00B	10.00	169.75	....	....	5
9	....	....	....	10.00N	10.00	169.55	....	....	5
10	....	....	....	10.00N	10.00	169.60	....	....	5
11	....	....	9.50A	9.50A	9.50	168.40	....	....	5
12	....	....	....	9.50N	9.50	167.50	....	....	5
13	....	....	....	9.50N	9.50	168.30	....	....	5
16	....	....	....	9.50N	9.50	166.65	....	....	5
17	9.25	9.30	9.25	9.30	9.30	167.00	....	2	6
18	....	....	....	9.30N	9.30	165.55	....	....	6
19	....	....	8.80A	8.80A	8.80	164.65	....	....	6
20	....	....	8.75A	8.75A	8.75	164.35	....	....	6
23	....	....	....	8.75N	8.75	166.35	....	....	5
24	....	8.80B	....	8.80B	8.80	168.80	....	....	5
25	....	....	....	8.80N	8.80	169.55	....	....	5
26	....	....	....	8.80N	8.80	168.65	....	....	5
27	....	....	....	8.80N	8.80	167.95	....	....	5
30	Exchange Closed, Memorial Day								
31	....	....	7.50A	7.50A	7.50	164.30	....	....	5
IN JUNE									
1	8.20	8.20	8.20	8.20	8.20	164.95	....	50	50
2	8.50	8.50	8.50	8.50	8.50	166.55	....	2	52
3	....	....	....	8.50N	8.50	166.85	....	....	52
6	8.50	8.50	8.00A	8.35A	8.30	167.95	....	41	92
7	8.20	8.20	7.10A	7.10A	7.10	163.70	....	142	234
8	....	....	6.70A	6.70A	6.70	162.40	....	....	234
9	5.85	5.85	5.85	5.85	5.85	163.70	....	130	120
10	....	....	5.70A	5.70A	5.70	164.30	....	....	120
13	....	....	....	5.70N	5.70	167.50	....	....	120
14	....	7.00B	....	7.00B	7.00	167.25	....	....	120
15	....	8.00B	....	8.00B	8.00	170.45	....	....	120
16	....	9.60B	....	9.60B	9.60	172.40	....	....	120
17	....	....	....	9.60N	9.60	172.65	....	....	120
20	....	#10.75B	....	10.75B	10.75	171.85	....	....	120
21	....	....	10.60A	10.60A	10.60	173.85	....	....	120
22	....	#12.25B	....	12.25B	12.25	173.00	....	....	120
23	11.00	11.00	11.00	11.00	11.00	173.15	....	1	121
24	....	....	....	11.00N	11.00	172.25	....	....	120
27	....	....	....	11.00N	11.00	170.65	....	....	120
28	9.40	9.40	9.40	9.40	9.40	168.65	....	1	120
29	....	....	....	9.40N	9.40	170.10	....	....	120
30	....	....	....	9.40N	9.40	171.35	....	....	120
IN JULY									
1	10.50	10.50	10.50	10.50	10.50	171.45	....	3	123
4	Exchange Closed, Independence Day								
5	....	....	9.50A	9.50A	9.50	168.70	....	....	123
6	....	....	....	9.50N	9.50	171.00	....	....	123
7	....	....	....	9.50N	9.50	169.15	....	....	123
8	....	....	....	9.50N	9.50	169.50	....	....	123
11	....	....	....	9.50N	9.50	170.00	....	....	123
12	9.50	9.50	9.50	9.50	8.50	167.35	....	....	123
13	....	....	....	8.50N	8.90	168.10	....	1	124
14	9.10	9.10	9.10	9.10	9.10	168.30	....	....	124
15	....	....	8.30A	8.30A	8.30	166.30	....	1	125
18	....	....	....	8.30N	8.30	166.60	....	....	125
19	....	....	....	8.30N	8.70	167.50	....	....	125
20	....	....	....	8.70N	10.50	171.65	....	....	125
21	10.25	10.25	10.25	10.25	10.25	172.25	....	1	124
22	10.10	10.30	10.10	10.30	10.30	171.30	....	4	120
25	....	....	10.25A	10.25A	10.25	172.35	....	....	120
26	....	....	....	10.25N	10.25	172.65	....	....	120
27	10.50	10.70B	9.40A	9.40A	9.00	169.70	....	27	120
28	....	....	....	9.00N	9.00	166.95	....	....	120
29	5.50	5.50	5.50	5.50	5.50	165.00	....	3	123

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 165.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1....	5.50	5.50	* 5.00	5.25B	5.25	164.40	....	5	123
2....	6.30	6.30	5.95	5.95	5.70	164.30	....	41	149
3....	5.80	5.80	5.80	5.80	5.80	165.70	....	1	150
4....	5.25	5.25	* 4.75	5.20B	5.20	162.85	....	11	158
5....	5.50	6.50	5.20	6.50	6.20	164.10	....	37	180
8....	5.00	5.00	4.75	4.80B	4.80	161.90	....	32	191
9....	....	5.25B	....	5.25B	5.15	162.75	....	....	191
10....	6.00	6.00	6.00	6.00	6.00	163.90	....	2	191
11....	....	6.05B	....	6.00N	6.00	163.90	....	....	191
12....	6.10	6.10	6.10	6.10	6.10	164.70	....	5	190
15....	7.10	7.20	7.00	7.00	7.00	165.80	....	5	192
16....	6.20	6.50	6.10	6.10	6.20	165.45	....	23	192
17....	6.90	7.30B	6.90	7.30B	7.30	166.95	....	20	195
18....	7.50	7.50	6.90A	6.90A	6.00	164.95	....	2	197
19....	6.40	6.40	6.40	6.40	6.40	166.05	....	1	197
22....	7.50	7.50	6.60	6.60	6.30	165.65	....	4	198
23....	5.90	5.90	5.70A	5.70A	5.70	164.30	....	6	199
24....	5.80	5.85	5.00	5.00	5.00	162.70	....	59	219
25....	5.30	5.30	* 4.35	4.70	4.70	162.80	....	26	212
26....	4.50	5.30	4.50	5.05	5.05	163.85	....	78	170
29....	4.90	5.15B	4.90	5.15B	5.15	164.25	....	6	170
30 ...	5.25	5.25	5.25	5.25	5.10	164.25	....	5	170
31....	5.55	5.80	5.55	5.80	5.80	165.95	....	1	170
IN SEPTEMBER									
1....	....	5.85B	....	5.85B	5.85	166.00	....	....	165
2....	5.90	5.90	5.90	5.90	6.10	166.70	....	1	164
5....	Exchange Closed, Labor Day								
6....	6.75	7.25B	6.75	7.25B	7.75	169.60	....	72	186
7....	7.60	8.20	7.60	8.00B	8.25	170.10	....	15	181
8....	7.95	8.20B	7.95	8.20B	8.20	169.85	....	12	193
9....	7.80	7.80	7.60	7.70	7.70	168.55	....	4	194
12....	8.50	8.50	6.20A	6.40A	6.40	166.60	....	6	196
13....	5.80	6.05	5.75	6.00	6.30	166.95	....	45	180
14....	6.20@.25	6.35	6.10	6.35	6.35	167.50	....	22	194
15....	5.80	6.00B	5.80	5.80	5.90	166.55	....	33	225
16....	5.80	7.10	5.80	7.10	7.10	168.95	....	91	266
19....	7.25	7.80	7.10	7.80	7.80	170.15	....	136	284
20....	8.00	8.50	8.00	8.50	8.50	171.25	....	34	295
21....	7.60	7.80B	7.60	7.80B	8.05	170.75	....	6	300
22....	8.00	8.90B	7.80A	8.90B	8.70	171.70	....	17	311
23....	8.60	8.80B	8.30A	8.60	8.60	171.40	....	1	291
26....	9.00	9.00	8.20A	8.90A	8.30	171.50	....	1	289
27....	7.90	7.90	7.20	7.20	7.55	170.40	....	2	314
28....	7.50	7.50	6.90	7.00	7.25	170.00	....	7	342
29....	6.70	6.85B	6.60A	6.70	6.60	169.40	....	6	347
30....	6.00	6.05B	5.65	5.65	5.65	168.25	....	16	355
IN OCTOBER									
3....	5.30	5.85B	5.30	5.85B	5.85	168.45	....	169	380
4....	5.90	6.30B	5.80	5.80	5.85	168.50	....	54	385
5....	6.05	6.70B	5.75	6.70B	6.80	170.10	....	65	439
6....	7.10	8.10B	7.10	8.10B	8.20	171.95	....	20	455
7....	8.10	8.50	8.00A	8.50	8.35	172.10	....	13	445
10....	8.10	10.00	8.00A	10.00	10.10	174.05	....	49	459
11....	9.90	9.90	8.00A	8.00A	7.90	171.60	....	....	451
12....	....	8.10B	7.00A	7.90N	7.40	171.05	....	1	450
13....	7.40	8.10B	6.90A	8.10B	8.10	171.95	....	12	453
14....	7.35	8.00B	7.35	7.35	7.85	171.65	....	13	458
17....	9.05	9.35B	7.60A	8.45	8.45	172.50	....	34	445
18....	8.00	8.35	6.00	7.55	6.50	169.95	....	51	403
19....	5.90	6.00B	4.50	5.25B	5.30	168.50	....	65	373
20....	5.60	5.85	5.40	5.75B	5.70	168.90	....	34	390
21....	5.70	5.80B	* 3.85	4.80B	4.70	167.70	....	46	423
24....	3.95	5.25	* 3.75	5.25	5.35	168.30	....	113	401
25....	5.45	5.70	5.20A	5.20A	5.15	168.10	....	221	415
26....	5.20	5.20	4.30	4.30	4.15	166.85	....	17	423
27....	4.05	4.40	3.85	4.40	4.40	167.15	....	1046	1323
28....	4.40	4.50	* 3.10	3.50	3.50	165.35	....	236	1386
31....	3.60	3.75	* 2.90	3.60	3.60	165.45	....	355	1197

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 165.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	3.15@.20	3.65	2.90	3.55A	3.55	165.60	....	279	1052
2....	3.60	4.25	3.50A	3.90	4.00	166.70	....	60	1050
3....	3.75@.70	3.75	3.15	3.15	3.15	165.05	....	1193	860
4....	2.90	2.95	* 2.45	2.60	2.60	164.20	....	396	655
7....	2.50	2.80	* 2.10A	2.80	2.10	163.45	....	140	670
8....	2.15@.25	2.35	* 2.10	2.10	2.10	163.75	....	85	651
9....	2.25	3.20	2.25	3.20	3.20	165.95	....	113	650
10....	3.35	3.45	3.05A	3.20A	3.20	166.20	....	141	689
11....	3.20	4.15	2.95	4.15	4.15	167.85	....	278	788
14....	4.00	4.75	3.90	4.10B	4.20	167.80	....	49	598
15....	3.90	4.30	3.30	3.45	3.40	166.65	....	52	586
16....	3.50	3.70	3.00	3.10	3.40	166.80	....	99	669
17....	3.45	3.60B	3.00	3.55B	3.65	167.10	....	24	658
18....	3.05	3.05	2.75A	3.00	2.90	166.70	....	19	663
21....	3.30	4.00	3.30	3.80B	3.80	167.85	....	60	641
22....	3.95	4.30	3.75	4.00A	3.75	167.85	....	55	669
23....	3.75	3.80B	3.25	3.75B	3.90	168.15	....	7	666
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	3.15	3.25	2.70	2.90	2.90	166.90	....	25	675
29....	2.95	4.30B	2.65	3.75	4.15	168.75	....	53	687
30....	4.25	4.50B	2.50	2.50	2.30	166.40	....	36	681

IN DECEMBER

1....	2.30@.35	2.90B	2.30	2.65	3.20	167.45	....	42	670
2....	2.80	2.65B	* 1.60	1.90	1.95	165.95	....	121	736
5....	1.85	2.40B	* 1.10	2.30B	2.40	166.80	....	264	828
6....	2.30	2.35	1.80	1.80	1.80	166.05	....	177	833
7....	1.75	2.65	1.70	2.25	2.30	166.75	....	209	886
8....	1.90	2.05	1.10	1.20	1.20	165.45	....	619	1202
9....	1.20	1.35	* 0.80	1.10	1.00	165.30	....	318	1313
12....	1.20	1.40	0.95	1.40	1.45	166.15	...	102	1328
13....	1.05	1.30	* 0.55	0.55	0.55	165.00	....	233	1353
14....	0.50	0.70B	* 0.05	0.05	0.50	163.50	....	682	1163
15....	0.05	0.05	* 0.002	0.002	0.002	161.67	....	109	....

DECEMBER 1983 170.00 CALLS
IN JULY 1983

5....	6.00	# 6.00	* 6.00	6.00	6.00	168.70	....	1	1
6....	6.20	# 7.00B	6.05	7.00B	7.00	171.00	....	111	94
7....	....	# 7.30B	6.50A	6.50A	6.15	169.15	....	6	100
8....	....	....	....	6.15N	6.15	169.50	....	....	100
11....	6.50	6.50	6.50	6.50	6.50	170.00	....	1	100
12....	....	....	6.00A	6.00A	5.50	167.35	....	....	100
13....	5.90	5.90	* 5.70	5.70	5.80	168.10	....	73	170
14....	6.00	6.20	5.70	5.70	5.85	168.30	....	90	260
15....	....	....	* 5.50A	5.50A	5.50	166.30	....	3	263
18....	....	....	* 5.25A	5.25A	5.60	166.60	....	....	263
19....	....	....	....	5.60N	5.90	167.50	....	...	263
20....	6.00	7.20B	6.00	7.20B	7.40	171.65	....	42	303
21....	7.50	# 7.50	7.00A	7.00A	7.00	172.25	....	4	303
22....	7.50	7.50	7.50	7.50	7.50	171.30	....	6	304
25....	7.00	# 8.00B	7.00	8.00B	8.00	172.35	....	2	306
26....	8.00	# 8.00	8.00	8.00	8.10	172.65	....	1	306
27....	....	....	....	8.10N	6.50	169.70	....	....	306
28....	6.50	6.50	5.80	5.80	5.30	166.95	....	2	306
29....	5.30	5.30	* 4.15	4.20	4.20	165.00	....	6	306

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 170.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	4.00	4.00	* 3.80A	4.00	4.00	164.40	....	17	315
2....	4.50	4.50	4.10	4.10	4.10	164.30	....	30	320
3....	3.50	4.50	* 3.50	4.50	4.50	165.70	....	16	321
4....	4.40	4.40	* 3.00	3.50	3.50	162.85	....	90	346
5....	4.20	4.20	4.20	4.20	4.20	164.10	....	1	347
8....	3.00	3.60	3.00	3.50	3.50	161.90	....	19	358
9....	....	....	....	3.50N	3.50	162.75	....	....	359
10....	3.40	4.00	3.40	4.00	4.00	163.90	....	15	364
11....	4.05	4.05	3.70	3.85	3.85	163.90	....	49	370
12....	4.00	4.25	3.85	4.25	4.25	164.70	....	4	373
15....	4.30	4.45	4.30	4.45	4.45	165.80	....	26	397
16....	4.10	4.10	4.10	4.10	4.10	165.45	....	10	387
17....	4.20	4.65B	4.20	4.65B	4.65	166.95	....	5	378
18....	5.00	5.00	4.30	4.30	4.15	164.95	....	3	378
19....	4.50	4.50	4.25	4.25	4.25	166.05	....	9	384
22....	4.45	4.50B	4.25	4.30	4.30	165.65	....	25	406
23....	4.10	4.10	3.85	3.90	3.90	164.30	....	5	403
24....	3.50	3.70	3.10	3.10	3.10	162.70	....	33	382
25....	3.00	3.10B	3.00	3.10B	3.10	162.80	....	5	382
26....	2.90	3.40	* 2.90	3.40	3.40	163.85	....	6	385
29....	3.05	3.20	2.90	3.20	3.20	164.25	....	30	395
30....	....	....	....	3.20N	3.10	164.25	....	2	397
31....	3.10	3.50	3.10	3.50	3.50	165.95	....	17	414
				IN SEPTEMBER					
1....	3.50	3.60B	3.40	3.50B	3.50	166.00	....	22	436
2....	3.50	4.00	3.50	4.00	4.00	166.70	....	14	446
5....	Exchange Closed, Labor Day								
6....	4.55	4.80B	4.55	4.80B	4.80	169.60	....	32	467
7....	4.60	5.50	4.60	5.10	5.10	170.10	....	43	503
8....	5.35	5.40	5.10A	5.10A	5.00	169.85	....	6	509
9....	5.00	5.15	4.90	4.90	4.80	168.55	....	33	537
12....	5.65	5.65	3.80A	3.95A	3.80	166.60	....	193	592
13....	3.90	3.90	3.40	3.90	3.90	166.95	....	35	591
14....	3.60	3.80B	3.60	3.80B	3.80	167.50	....	104	674
15....	3.70	3.70	3.30A	3.30A	3.30	166.55	....	76	730
16....	3.40	4.20	3.30	4.20	4.20	168.95	....	376	871
19....	4.30	5.10	4.30	4.80A	4.80	170.15	....	293	954
20....	5.00	5.40B	4.95	5.30	5.25	171.25	....	83	1006
21....	5.15	5.40	4.80	5.00	5.00	170.75	....	138	1100
22....	4.80	5.65	4.80	5.50	5.50	171.70	....	99	1150
23....	5.60	5.60	5.20	5.30	5.30	171.40	....	18	1142
26....	5.40	5.90	4.95	5.30	5.30	171.50	....	46	1135
27....	5.00	5.00	5.20	4.35	4.40	170.40	....	172	1282
28....	4.45@.50	4.50	4.00	4.10B	4.25	170.00	....	99	1334
29....	3.95	4.05B	3.70	3.80	3.75	169.40	....	57	1368
30....	3.90	3.90	2.90	3.00	3.00	168.25	....	176	1520
				IN OCTOBER					
3....	2.85	3.10	* 2.70	3.10	3.10	168.45	....	200	1536
4....	3.20	3.35B	2.95	3.05@.10	3.10	168.50	....	99	1584
5....	3.30	3.80	3.00	3.80B	3.80	170.10	....	190	1725
6....	3.90	4.70	3.80	4.60	4.60	171.95	....	405	1958
7....	4.85	5.10	4.60	4.80	4.80	172.10	....	41	1973
10....	4.40	6.00	4.35	6.00	6.00	174.05	....	38	1975
11....	5.60	5.60	4.40	4.40	4.50	171.60	....	98	1975
12....	4.40	4.80	3.75	3.90	4.00	171.05	....	28	1978
13....	4.00	4.50	3.60	4.50	4.55	171.95	....	53	1996
14....	4.35	4.70	4.10	4.45A	4.45	171.65	....	49	2029
17....	4.30	5.45	4.15	4.60	4.70	172.50	....	73	2062
18....	4.50	4.70B	2.90	3.05	3.30	169.95	....	131	2146
19....	3.15	3.20	* 2.20	2.70	2.70	168.50	....	156	2148
20....	2.50	3.00	2.50	2.80B	2.80	168.90	....	82	2118
21....	2.95	3.00	* 1.85	2.30	2.30	167.70	....	156	2154
24....	1.70	2.60	* 1.70	2.60B	2.60	168.30	....	651	2517
25....	2.65	2.95	2.35	2.35	2.45	168.10	....	46	2501
26....	2.35	2.50B	1.95	1.95	1.95	166.85	....	35	2522
27....	1.95	2.05	1.75	2.00	2.05	167.15	....	197	2659
28....	2.15	2.15	* 1.40	1.50	1.50	165.35	....	756	2226
31....	1.60	1.70	* 1.10	1.30	1.30	165.45	....	637	2630

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 170.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	1.40	1.45	* 1.05	1.40	1.40	165.60	....	356	2614
2....	1.40	1.85	1.40	1.75	1.75	166.70	....	92	2772
3....	1.65	1.65	1.20	1.20	1.20	165.05	....	85	2823
4....	1.00@.95	1.00	* 0.85A	0.90	0.90	164.20	....	479	2900
7....	0.85	0.95	* 0.65	0.70	0.70	163.45	....	253	2959
8....	0.75	0.80	0.65	0.70	0.70	163.75	....	250	3029
9....	0.75	1.15	0.75	1.15	1.15	165.95	....	291	3205
10....	1.25	1.25	1.10	1.15	1.15	166.20	....	315	3333
11....	1.10	1.65	1.10	1.65	1.65	167.85	....	115	3335
14....	1.50@.45	1.70	1.40	1.40	1.40	167.80	....	92	3349
15....	1.25	1.45	0.85	0.90	0.90	166.65	....	132	3393
16....	1.00	1.20	0.80A	0.90	0.90	166.80	....	217	3339
17....	0.85	1.10	0.75A	1.00	1.00	167.10	....	110	3330
18....	0.95	0.95	0.65	0.80B	0.80	166.70	....	76	3355
21....	0.85	1.15	0.85	1.00A	1.00	167.65	....	81	3383
22....	1.00	1.20	0.90	0.90	0.90	167.85	....	117	3442
23....	1.00	1.00	0.70	0.95	0.95	168.15	....	157	3526
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.80	0.80	* 0.50	0.60B	0.60	166.90	....	197	3490
29....	0.60	1.05	0.50	0.95	0.95	168.75	....	315	3482
30....	1.10	1.20	* 0.45	0.45	0.45	166.40	....	384	3397
				IN DECEMBER					
1....	0.40	0.60	* 0.40	0.55	0.55	167.45	....	139	3228
2....	0.45	0.55	* 0.20	0.30	0.30	165.95	....	389	3109
5....	0.20	0.30	0.10	0.25	0.25	166.80	....	275	3180
6....	0.25	0.30	0.15	0.15	0.15	166.05	....	245	3055
7....	0.20	0.25	0.15	0.15	0.15	166.75	....	298	2943
8....	0.15	0.20	0.10	0.10	0.10	165.45	....	1834	2003
9....	0.10	0.10	* 0.05	0.05	0.05	165.30	....	93	1979
12....	0.05	0.05	0.05	0.05	0.05	166.15	....	116	1955
13....	0.05	0.05	* 0.002	0.002	0.002	165.00	....	26	1975
14....	0.002	0.002	0.002	0.002	0.002	163.50	....	459	1677
15....	....	...	....	0.002N	0.002	161.67	....	22	....
16....	....	....	....	...	....	....	....	10	....

DECEMBER 1983 175.00 CALLS
IN JULY 1983

5....	3.80	# 3.80	* 3.80	3.80	3.80	168.70	...	5	5
6....	....	# 4.30B	....	4.30B	4.30	171.00	....	....	5
7....	....	# 5.30B	....	4.30N	4.30	169.15	....	....	5
8....	....	4.50B	...	4.50B	4.50	169.50	....	....	5
11....	....	....	....	4.50N	4.50	170.00	....	....	5
12....	4.50	4.50	4.50	4.50	4.50	167.35	....	1	5
13....	....	....		4.50N	4.50	168.10	....	....	5
14....	....	....	....	4.50N	4.50	168.30	....	....	5
15....	....	....	4.10A	4.10A	4.10	166.30	....	....	5
18....	....	....	....	4.10N	4.10	166.60	....	....	5
19....	....	....	....	4.10N	4.10	167.50	....	....	5
20....	4.50	4.70B	4.40	4.70B	4.70	171.65	....	13	15
21....	....	....	....	4.70N	4.70	172.25	....	....	15
22....	....	5.00B	....	5.00B	5.00	171.30	....	....	15
25....	....	# 5.45B	4.95A	5.45B	5.45	172.35	....	....	15
26....	5.50	# 6.00	5.50	5.75A	5.75	172.65	....	2	17
27....	....	....	....	5.75N	4.50	169.70	....	....	17
28....	4.10	4.10	4.10	4.10	3.75	166.95	....	5	15
29....	3.50	3.50	* 2.80A	2.80A	2.80	165.00	....	1	15

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 175.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	2.80	2.80	* 2.70A	2.70A	2.70	164.40	....	3	17
2....	3.00	3.00	2.90	2.90	2.90	164.30	....	5	21
3....	....	....	....	2.90N	2.90	165.70	....	1	21
4....	2.90	2.90	* 2.25	2.25	2.25	162.85	....	7	20
5....	....	....	....	2.25N	2.25	164.10	....	....	20
8....	2.00	2.00	* 2.00	2.00	2.00	161.90	....	2	22
9....	....	2.15B	....	2.00N	2.00	162.75	....	....	22
10....	2.10	2.10	2.10	2.10	2.10	163.90	....	1	22
11....	3.10	3.10	2.50	2.50	2.50	163.90	....	3	25
12....	2.40	2.40	2.40	2.40	2.40	164.70	....	2	27
15....	2.90@3.15	3.30	2.80	2.80	2.80	164.80	....	6	28
16....	....	2.90B	....	2.80N	2.90	165.45	....	....	28
17....	2.80	3.20	2.80	3.20	3.20	166.95	....	8	26
18....	....	....	....	3.20N	2.70	164.95	....	....	26
19....	....	2.75B	....	2.75B	2.75	166.05	....	....	26
22....	3.25	3.25	2.75	2.75	2.75	165.65	....	3	27
23....	2.30	2.30	2.30	2.30	2.30	164.30	....	10	33
24....	....	....	2.00A	2.00A	2.00	162.70	....	....	33
25....	1.95	1.95	* 1.90	1.90	1.90	162.80	....	2	33
26....	....	....	* 1.80A	1.90N	1.90	163.85	....	....	33
29....	....	2.00B	....	2.00B	2.00	164.25	....	....	33
30....	2.00	2.00	2.00	2.00	2.00	164.25	....	1	32
31....	1.80	2.00	* 1.80	2.00	2.10	165.95	....	85	105
IN SEPTEMBER									
1....	2.05	2.05	2.05	2.05	2.05	166.00	....	1	106
2....	....	....	....	2.05N	2.05	166.70	....	....	106
5....	Exchange Closed, Labor Day								
6....	2.40	2.90B	2.40	2.90B	2.90	169.60	....	12	116
7....	3.30	3.30	2.80	3.20	3.20	170.10	....	6	116
8....	3.00	3.15B	2.90	3.05	3.05	169.85	....	8	124
9....	2.90	3.00	2.90	3.00	3.00	168.55	....	1	124
12....	3.30	3.30	2.00	2.00	2.00	166.60	....	35	157
13....	2.00	2.00	2.00	2.00	2.10	166.95	....	15	169
14....	1.90	2.10	1.90	2.10	2.10	167.50	....	92	259
15....	2.00	2.00	1.80	1.80	1.80	166.55	....	84	342
16....	1.85	2.40	1.85	2.30	2.30	168.95	....	235	566
19....	2.40	2.80	2.40	2.70	2.70	170.15	....	284	727
20....	2.80	2.90	2.60	2.85B	2.85	171.25	....	268	924
21....	2.80	2.95	2.40	2.70B	2.70	170.75	....	367	1271
22....	2.50	3.05	2.50	3.00	3.00	171.70	....	569	1754
23....	2.95	2.95	2.60	2.85	2.85	171.40	....	388	2103
26....	2.95	3.15	2.55	2.95A	2.95	171.50	....	112	2185
27....	2.60	2.60	2.15	2.20B	2.25	170.40	....	106	2285
28....	2.05	2.20	2.05	2.10B	2.15	170.00	....	184	2437
29....	2.05	2.10	1.85	1.90	1.90	169.40	....	69	2481
30....	1.90	1.90	* 1.50	1.50	1.50	168.25	....	62	2477
IN OCTOBER									
3....	1.35	1.50	* 1.20	1.50	1.50	168.45	....	24	2478
4....	1.60	1.60	1.45A	1.45A	1.45	168.50	....	4	2480
5....	1.50	1.80B	1.40	1.80B	1.30	170.10	....	58	2534
6....	1.85	2.25	1.65	2.25	2.25	171.95	....	135	2447
7....	2.35	2.60	2.10	2.35	2.35	172.10	....	308	2602
10....	2.05	2.90B	2.05	2.85	2.95	174.05	....	102	2700
11....	2.60	2.70	2.05	2.05	2.05	171.60	....	84	2701
12....	2.00	2.35	1.60	1.70	1.70	171.05	....	64	2712
13....	1.80	2.20B	1.70	2.20B	2.20	171.95	....	54	2696
14....	2.05	2.15B	1.80	1.80	2.10	171.65	....	30	2708
17....	2.10@.05	2.80B	1.90	2.50A	2.50	172.50	....	74	2750
18....	2.35	2.40	1.50A	1.60	1.60	169.95	....	52	2770
19....	1.35@.30	1.40	* 0.95	1.10	1.10	168.50	....	197	2683
20....	1.05	1.25B	1.00	1.15	1.15	168.90	....	125	2671
21....	1.25	1.25	* 0.80A	1.00	1.00	167.70	....	94	2627
24....	0.85	1.15	* 0.75	1.05	1.05	168.30	....	1956	1845
25....	1.05	1.25	1.00	1.00	1.00	168.10	....	23	1510
26....	0.95	1.10	0.75A	0.80	0.75	166.85	....	93	1451
27....	0.75	0.80	* 0.70	0.80	0.80	167.15	....	46	1398
28....	0.80	0.80	* 0.50	0.50	0.50	165.35	....	797	819
31....	0.50	0.60	* 0.30	0.45	0.45	165.45	....	427	661

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 175.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	0.40	0.45	0.35	0.40	0.40	165.60	....	189	769
2....	0.40	0.60	0.40	0.55	0.55	166.70	....	100	760
3....	0.55	0.55	0.30	0.30	0.30	165.05	....	17	772
4....	0.30	0.30	* 0.20	0.20	0.20	164.20	....	22	760
7....	0.20	0.25	* 0.15	0.15	0.15	163.45	....	16	764
8....	0.15	0.15	* 0.10	0.10	0.10	163.75	....	9	765
9....	0.15	0.25B	0.15	0.25B	0.25	165.95	....	3	768
10....	0.30	0.35	0.25	0.25	0.25	166.20	....	16	768
11....	0.25	0.45	0.25	0.45	0.45	167.85	....	130	821
14....	0.40	0.55	0.35	0.35	0.35	167.80	....	36	836
15....	0.30	0.35	0.15	0.15	0.15	166.65	....	35	842
16....	0.20	0.20	0.15	0.20	0.20	166.80	....	22	827
17....	0.15	0.20	0.15	0.15	0.15	167.10	....	20	838
18....	0.10	0.10	* 0.05	0.05	0.05	166.70	....	27	848
21....	0.10	0.10	0.10	0.10	0.10	167.85	....	28	864
22....	0.10	0.15	0.10	0.10	0.10	167.85	....	30	888
23....	0.10	0.10	0.10	0.10	0.10	168.15	....	13	899
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.10	0.10	0.05	0.05	0.05	166.90	....	50	929
29....	0.10	0.15	0.10	0.20A	0.10	168.75	....	63	965
30....	0.10	0.15	0.05	0.05	0.05	166.40	....	133	963

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	0.10	0.10	0.05	0.05	0.05	167.45	....	6	961
2....	0.05	0.05	* 0.002	0.002	0.002	165.95	....	28	952
5....	....	....	....	0.002N	0.002	166.80	....	5	949
6....	....	....	....	0.002N	0.002	166.05	....	....	949
7....	0.002	0.002	0.002	0.002	0.002	166.75	....	57	888
8....	....	....	....	0.002N	0.002	165.45	....	9	879
9....	....	....	....	0.002N	0.002	165.30	....	....	879
12....	0.002	0.002	0.002	0.002	0.002	166.15	....	....	879
13....	0.002	0.002	0.002	0.002	0.002	165.00	....	13	866
14....	....	....	....	0.002N	0.002	163.50	....	....	866
15....	....	....	....	0.002N	0.002	161.67	....	....	....

DECEMBER 1983 180.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
23....	4.00	# 4.00	* 4.00	4.00	4.00	173.15	....	18	18
24....	....	....	....	4.00N	4.00	172.25	....	....	18
27....	....	....	* 3.80A	3.80A	3.80	170.65	....	....	18
28....	....	....	....	3.80N	3.80	168.65	....	....	18
29....	....	....	....	3.80N	3.80	170.10	....	....	18
30....	....	....	....	3.80N	3.80	171.35	....	....	18

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	3.80N	3.80	171.45	....	....	18
4....	Exchange Closed, Independence Day.								
5....	....	....	* 2.50A	3.80N	3.80	168.70	....	....	18
6....	....	....	....	3.80N	3.80	171.00	....	....	18
7....	....	....	....	3.80N	3.80	169.15	....	....	18
8....	....	....	....	3.80N	3.80	169.50	....	....	18
11....	3.80	3.80	3.80	3.80	3.80	170.00	....	2	20
12....	....	....	....	3.80N	3.50	167.35	....	....	20
13....	....	....	....	3.50N	3.50	168.10	....	....	20
14....	....	....	....	3.50N	3.50	168.30	....	....	20
15....	....	....	....	3.50N	3.50	166.30	....	....	20
18....	2.30	2.30	* 2.30	2.30	2.30	166.60	....	26	11
19....	....	....	....	2.30N	2.30	167.50	....	....	11
20....	....	....	....	2.30N	3.00	171.65	....	....	11
21....	....	....	....	3.00N	3.00	172.25	....	....	11
22....	....	3.20B	....	3.20B	3.20	171.30	....	....	11
25....	....	3.65B	3.15A	3.65B	3.65	171.35	....	....	11
26....	....	....	....	3.65N	3.65	172.65	....	....	11
27....	4.00	4.00	2.75	2.75	2.75	169.70	....	11	18
28....	3.00	3.00	2.50	2.50	2.25	166.95	....	3	18
29....	1.95	1.95	* 1.95	1.95	1.95	165.00	....	2	20

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 180.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1	1.95	1.95	* 1.70A	1.70A	1.70	164.40	....	2	22
2	1.70	1.70	1.60	1.60	1.60	164.30	....	10	30
3	1.50	1.60	* 1.50	1.60	1.60	165.70	....	5	35
4	1.10	1.25	* 1.10	1.25	1.25	162.85	....	5	40
5	....	....	....	1.25N	1.25	164.10	....	....	40
8	1.20	1.20	1.20	1.20	1.20	161.90	....	3	42
9	1.30	1.30	1.25	1.25	1.25	162.75	....	13	50
10	....	....	....	1.25N	1.25	163.90	....	1	51
11	....	1.45B	....	1.45B	1.45	163.90	....	....	51
12	1.35	1.35	1.30	1.30	1.30	164.70	....	10	52
15	1.80	1.80	1.80	1.80	1.80	165.80	....	1	53
16	1.80	1.80	1.80	1.80	1.80	165.45	....	1	53
17	1.85	1.85	1.75	1.85	1.85	166.95	....	40	93
18	1.80	1.80	1.45A	1.45A	1.45	164.95	....	50	143
19	1.40@.35	1.40	1.35	1.40	1.50	166.05	....	45	183
22	1.60	1.60	1.45A	1.45A	1.45	165.65	....	30	213
23	1.20	1.30	1.20	1.20	1.20	164.30	....	35	243
24	1.15	1.15	* 1.00	1.00	1.00	162.70	....	1	243
25	....	....	....	1.00N	1.00	162.80	....	1	243
26	....	1.10B	....	1.10B	1.10	163.85	....	....	242
29	....	....	1.00A	1.10N	1.10	164.25	....	....	242
30	1.15	1.15	1.15	1.15	1.15	164.25	....	2	242
31	1.10	1.15B	1.10	1.15B	1.20	165.95	....	....	242
				IN SEPTEMBER					
1	....	....	....	1.20N	1.20	166.00	....	1	243
2	....	....	....	1.20N	1.20	166.70	....	....	243
5	Exchange Closed, Labor Day								
6	1.40	1.50	1.30	1.50	1.50	169.60	....	5	246
7	....	1.60B	....	1.60B	1.60	170.10	....	....	242
8	1.60	1.60	1.50	1.60B	1.55	169.85	....	12	253
9	1.50	1.50	1.50	1.50	1.50	168.55	....	1	253
12	1.80	1.80	1.20A	1.20A	1.20	166.60	....	11	263
13	1.15	1.15	1.10	1.15	1.20	166.95	....	6	263
14	1.10	1.20	1.10	1.20	1.20	167.50	....	3	263
15	1.10	1.10	1.00A	1.00A	1.00	166.55	....	1	264
16	1.10	1.10	1.10	1.10	1.10	168.95	....	12	263
19	1.20	1.35	1.20	1.35	1.35	170.15	....	153	414
20	1.35	1.40	1.20	1.40	1.40	171.25	....	60	411
21	1.25	1.25	1.15	1.20B	1.20	170.75	....	11	419
22	1.10	1.25B	1.10	1.25B	1.25	171.70	....	20	438
23	1.15	1.25	1.15	1.25	1.25	171.40	....	33	465
26	1.35	1.40	1.15	1.15	1.15	171.50	....	18	478
27	1.10	1.10	* 0.80	0.80	0.80	170.40	....	12	477
28	0.85	0.85	0.85	0.85	0.80	170.00	....	6	476
29	0.80	0.80	* 0.75	0.80	0.80	169.40	....	2	474
30	0.75	0.80	0.75	0.75	0.75	168.25	....	153	421
				IN OCTOBER					
3	0.65	0.75	* 0.65	0.75	0.75	168.45	....	12	410
4	0.70	0.70	0.65	0.70	0.70	168.50	....	3	411
5	0.75	0.80	0.75	0.80	0.80	170.10	....	15	410
6	0.80	0.95	0.70	0.95	0.95	171.95	....	67	399
7	1.00	1.00	0.85	0.85	0.90	172.10	....	11	406
10	0.80	1.15	0.75	1.15	1.15	174.05	....	27	401
11	1.00	1.05	0.80	0.80	0.80	171.60	....	136	459
12	0.80	0.90	0.70	0.70	0.75	171.05	....	16	469
13	0.80	0.85	0.75A	0.85	0.85	171.95	....	....	469
14	0.80	0.85B	0.80	0.85B	0.85	171.65	....	4	469
17	0.80	1.15	0.80	1.00	1.00	172.50	....	41	478
18	0.95	0.95	* 0.60	0.60	0.60	169.95	....	31	495
19	0.55	0.60	* 0.35	0.45	0.45	168.50	....	44	523
20	0.45	0.55	0.45	0.45	0.45	168.90	....	60	541
21	0.50	0.50	* 0.30	0.40	0.40	167.70	....	5	528
24	0.35	0.35	0.35	0.35	0.35	168.30	....	3	528
25	0.35	0.50	0.35	0.35	0.35	168.10	....	5	530
26	0.30	0.30	* 0.20	0.20	0.20	166.85	....	5	532
27	0.15	0.15	* 0.15	0.15	0.15	167.15	....	1	530
28	0.20	0.20	* 0.10	0.10	0.10	165.35	....	29	524
31	0.10	0.15	0.10	0.10	0.10	165.45	....	18	532

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 180.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.10	0.15	0.10	0.10A	0.10	165.60	....	7	537
2....	0.10	0.15	0.10	0.15	0.15	166.70	....	20	548
3....	0.10	0.10	0.10	0.10	0.10	165.05	....	10	547
4....	0.05	0.05	* 0.05	0.05	0.05	164.20	....	28	560
7....	0.05	0.05	0.05	0.05	0.05	163.45	....	61	560
8....	0.05	0.05	0.05	0.05	0.05	163.75	....	12	548
9....	0.05	0.05	0.05	0.05	0.05	165.95	....	12	544
10....	....	....	....	0.05N	0.05	166.20	....	4	548
11....	....	....	....	0.05N	0.05	167.85	....	....	551
14....	0.10	0.10	0.05	0.05	0.05	167.80	....	5	552
15....	0.05	0.05	0.05	0.05	0.05	166.65	....	10	542
16....	0.05	0.05	* 0.002	0.002	0.002	166.80	....	5	542
17....	....	....	....	0.002N	0.002	167.10	....	....	541
18....	....	....	....	0.002N	0.002	166.70	....	....	540
21....	....	....	....	0.002N	0.002	167.85	....	....	540
22....	....	....	....	0.002N	0.002	167.85	....	....	540
23....	....	....	....	0.002N	0.002	168.15	....	....	537
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.002	0.002	0.002	0.002	0.002	166.90	....	5	537
29....	....	....	....	0.002N	0.002	168.75	....	....	532
30....	....	....	....	0.002N	0.002	166.40	....	....	532

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.002N	0.002	167.45	....	....	532
2....	....	....	....	0.002N	0.002	165.95	....	....	532
5....	....	....	....	0.002N	0.002	166.80	....	....	532
6....	....	....	....	0.002N	0.002	166.05	....	....	532
7....	....	....	....	0.002N	0.002	166.75	....	....	532
8....	....	....	....	0.002N	0.002	165.45	....	....	532
9....	....	....	....	0.002N	0.002	165.30	....	....	532
12....	....	....	....	0.002N	0.002	166.15	....	....	532
13....	0.002	0.002	0.002	0.002	0.002	165.00	....	1	531
14....	....	....	....	0.002N	0.002	163.50	....	....	531
15....	....	....	....	0.002N	0.002	161.67	....	....	....

DECEMBER 1983 185.00 CALLS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
19....	0.65	# 0.65	* 0.65	0.65	0.65	170.15	....	3	2
20....	0.60	# 0.70B	* 0.55A	0.55A	0.55	171.25	....	3	4
21....	0.60	0.60	* 0.40	0.40	0.40	170.75	....	11	14
22....	0.35	0.35	* 0.35	0.35	0.35	171.70	....	10	24
23....	....	....	....	0.35N	0.35	171.40	....	....	24
26....	....	....	....	0.35N	0.35	171.50	....	....	24
27....	0.35	0.35	0.35	0.35	0.35	170.40	....	2	24
28....	....	....	....	0.35N	0.35	170.00	....	....	24
29....	0.35	0.35	0.35	0.35	0.35	169.40	....	2	25
30....	....	....	....	0.35N	0.35	168.25	....	....	25

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3....	0.25	0.25	* 0.25	0.25	0.25	168.45	....	2	25
4....	0.15	0.15	* 0.15	0.15	0.15	168.50	....	1	25
5....	0.15	0.15	0.15	0.15	0.15	170.10	....	....	25
6....	0.15	0.15	0.15	0.15	0.15	171.95	....	4	28
7....	....	0.20B	....	0.15N	0.15	172.10	....	....	28
10....	....	....	....	0.15N	0.15	174.05	....	2	28
11....	0.20	0.25	0.20	0.20	0.20	171.60	....	16	30
12....	0.20	0.20	0.15A	0.15A	0.15	171.05	....	4	32
13....	0.15	0.15	0.15	0.15	0.15	171.95	....	14	44
14....	0.15	0.15	0.15	0.15	0.15	171.65	....	30	74
17....	0.20	0.25	0.20	0.20	0.20	172.50	....	7	80
18....	0.20	0.20	* 0.10	0.10	0.10	169.95	....	205	283
19....	0.10	0.10	0.10	0.10	0.10	168.50	....	68	350
20....	....	....	....	0.10N	0.10	168.90	....	12	359
21....	0.10	0.10	0.10	0.10	0.10	167.70	....	10	368
24....	0.10	0.10	0.10	0.10	0.10	168.30	....	17	377
25....	....	....	....	0.10N	0.10	168.10	....	....	377
26....	0.05	0.05	* 0.05	0.05	0.05	166.85	....	3	380
27....	....	....	....	0.05N	0.05	167.15	....	....	380
28....	0.05	0.05	0.05	0.05	0.05	165.35	....	2	382
31....	0.05	0.05	0.05	0.05	0.05	165.45	....	6	388

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

DECEMBER 1983 185.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.05N	0.05	165.60	....	....	388
2....	....	....	....	0.05N	0.05	166.70	....	....	388
3....	....	....	....	0.05N	0.05	165.05	....	....	388
4....	....	....	....	0.05N	0.05	164.20	....	....	388
7....	....	....	....	0.05N	0.05	163.45	....	....	388
8....	....	....	....	0.05N	0.05	163.75	....	....	388
9....	....	....	....	0.05N	0.05	165.95	....	....	388
10....	....	....	....	0.05N	0.05	166.20	....	....	388
11....	....	....	....	0.05N	0.05	167.85	....	....	388
14....	....	....	....	0.05N	0.05	167.80	....	....	388
15....	....	....	....	0.05N	0.05	166.65	....	....	388
16....	....	....	....	0.05N	0.05	166.80	....	....	388
17....	....	....	....	0.05N	0.05	167.10	....	....	388
18....	....	....	....	0.05N	0.05	166.70	....	....	388
21....	....	....	....	0.05N	0.05	167.85	....	....	388
22....	....	....	....	0.05N	0.05	167.85	....	....	388
23....	....	....	....	0.05N	0.05	168.15	....	....	388
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.05	0.05	0.05	0.05	0.05	166.90	....	1	388
29....	....	....	....	0.05N	0.05	168.75	....	....	388
30....	....	....	....	0.05N	0.05	166.40	....	....	388

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.05N	0.05	167.45	....	....	388
2....	....	....	....	0.05N	0.05	165.95	....	....	388
5....	....	....	....	0.05N	0.05	166.80	....	....	388
6....	....	....	....	0.05N	0.05	166.05	....	....	388
7....	....	....	....	0.05N	0.002	166.75	....	....	388
8....	....	....	....	0.002N	0.002	165.45	....	....	388
9....	....	....	....	0.002N	0.002	165.30	....	....	388
12....	....	....	....	0.002N	0.002	166.15	....	....	388
13....	....	....	....	0.002N	0.002	165.00	....	....	388
14....	....	....	....	0.002N	0.002	163.50	....	....	388
15....	....	....	....	0.002N	0.002	161.67	....	....	....

MARCH 1984 155.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
23....	15.20	#15.20	*14.65	14.65	14.65	170.20	...	200	200
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	15.00B	....	15.00B	14.30	169.00	....	....	200
29....	....	....	....	14.30N	16.20	171.05	...	....	200
30....	....	....	....	16.20N	14.25	168.75	....	....	200

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	14.25N	14.75	169.60	....	....	200
2....	....	....	....	14.75N	13.45	168.10	....	....	200
5....	....	....	....	13.45N	13.95	168.90	....	....	200
6....	....	....	....	13.95N	13.80	168.40	....	....	200
7....	....	....	....	13.80N	14.20	169.05	....	....	200
8....	....	....	....	14.20N	13.00	167.55	....	....	200
9....	....	....	....	13.00N	13.00	167.40	....	....	200
12....	...	....	....	13.00N	13.75	168.35	....	....	200
13....	....	....	*13.20A	13.20A	12.40	167.15	....	....	200
14....	....	....	*11.50A	11.90A	11.20	165.70	....	....	200
15....	....	....	*10.00A	10.00A	10.00	164.55	....	....	200
16....	....	10.10B	...	10.10B	10.95	165.75	....	....	200
19....	....	11.00B	10.90A	10.90A	10.90	165.75	....	....	200
20....	....	11.00B	10.75A	10.75A	10.45	165.20	....	....	200
21....	....	12.00B	....	12.00B	12.20	167.10	....	....	200
22....	....	12.50B	11.70A	11.70A	11.55	166.45	....	....	200
23....	....	11.60B	....	11.55N	11.70	166.55	....	....	200
26....	Exchange Closed, Christmas								
27....	....	12.60B	....	12.60B	12.60	167.45	....	....	200
28....	....	....	12.40A	12.60N	12.60	167.40	....	....	200
29....	....	12.70B	12.50A	12.50A	12.35	167.15	....	....	200
30....	....	....	12.25A	12.35N	12.55	167.30	....	....	200

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 160.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
11....	11.50	#11.50	*11.50	11.50	11.50	165.20	....	11	11
12....	....	....	....	11.50N	11.50	166.00	....	....	11
15....	....	....	....	11.50N	11.50	167.10	....	....	11
16....	....	....	....	11.50N	11.50	166.75	....	....	11
17....	....	#12.50B	....	12.50B	12.50	168.25	....	....	11
18....	....	....	....	12.50N	12.50	166.10	....	....	11
19....	....	....	....	12.50N	12.50	167.05	....	....	11
22....	....	....	....	12.50N	12.50	166.70	....	....	11
23....	....	....	....	12.50N	12.50	165.70	....	....	11
24....	....	....	*11.25A	11.25A	11.25	163.85	....	....	11
25....	....	....	*10.60A	10.60A	10.60	164.15	....	....	11
26....	....	....	....	10.60N	10.60	165.00	....	....	11
29....	....	....	....	10.60N	10.60	165.35	....	....	11
30....	....	....	....	10.60N	10.60	165.25	....	....	11
31....	....	....	....	10.60N	10.60	166.95	....	....	11
IN SEPTEMBER									
1....	....	....	....	10.60N	10.60	167.15	....	....	11
2....	....	....	....	10.60N	10.60	167.95	....	....	11
5....	Exchange Closed, Labor Day								
6....	....	11.70B	....	11.70B	11.70	170.60	....	....	11
7....	13.50	#14.00B	13.50	13.50	13.50	171.30	....	....	11
8....	....	....	....	13.50N	13.50	169.85	....	2	11
9....	....	....	....	13.50N	13.50	169.70	....	....	11
12....	....	....	....	13.50N	13.50	167.75	....	....	11
13....	....	....	12.00A	12.00A	12.00	168.15	....	....	11
14....	....	....	....	12.00N	12.00	168.70	....	....	11
15....	....	....	....	12.00N	12.00	167.85	....	....	11
16....	....	....	....	12.00N	13.00	170.35	....	....	11
19....	....	....	....	13.00N	14.00	171.55	....	....	11
20....	....	....	....	14.00N	14.50	172.70	....	....	11
21....	....	....	....	14.50N	14.50	172.20	....	....	11
22....	14.00	#14.00	14.00	14.00	15.00	173.10	....	2	12
23....	....	....	....	15.00N	15.00	172.90	....	....	12
26....	....	....	....	15.00N	15.00	172.95	....	....	12
27....	....	....	14.00A	14.00A	14.00	171.80	....	....	12
28....	....	....	....	14.00N	14.00	171.50	....	....	12
29....	....	....	13.60A	13.60A	13.60	170.90	....	....	12
30....	....	....	12.85A	12.85A	12.85	169.75	....	....	12
IN OCTOBER									
3....	....	....	12.40A	12.40A	12.90	169.95	....	....	12
4....	13.10	13.10	12.80A	12.80A	12.80	170.05	....	....	12
5....	12.80	12.80	12.50A	12.80	13.10	171.65	....	2	13
6....	....	#14.50B	....	14.50B	14.80	173.50	....	....	13
7....	....	#14.90B	....	14.90B	14.90	173.70	....	....	13
10....	....	....	....	14.90N	14.90	175.70	....	....	13
11....	15.50	#15.50	15.50	15.50	14.50	173.20	....	1	12
12....	....	....	....	14.50N	14.00	172.65	....	....	12
13....	14.45	14.45	14.45	14.45	15.00	173.60	....	10	14
14....	....	....	14.50A	14.50A	14.50	173.30	....	....	14
17....	....	....	....	14.50N	15.00	174.00	....	....	14
18....	....	....	....	15.00N	13.50	171.55	....	....	14
19....	....	....	12.80A	12.80A	12.00	170.20	....	....	14
20....	....	12.20B	....	12.20B	12.50	170.75	....	....	14
21....	....	....	11.40A	11.40A	11.40	169.60	....	....	14
24....	....	....	*10.50A	11.40N	12.00	170.25	....	....	14
25....	....	12.10B	....	12.10B	11.90	170.05	....	....	14
26....	....	....	....	11.90N	11.00	168.80	....	....	14
27....	....	....	10.80A	10.80A	11.20	169.10	....	....	14
28....	....	....	11.00A	11.00A	10.00	167.30	....	....	14
31....	9.75	10.00B	* 9.50A	9.75	10.00	167.50	....	2	16

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 160.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	* 9.20A	10.00N	10.00	167.70	....	....	16
2....	....	10.50B	9.75A	10.50B	10.80	168.75	....	....	16
3....	....	....	10.30A	10.30A	9.50	167.10	....	....	16
4....	....	....	* 9.10A	9.10A	8.90	166.25	....	....	16
7....	....	....	....	8.90N	8.50	165.50	....	....	16
8....	....	....	....	8.50N	8.50	165.80	....	....	16
9....	....	9.00B	....	9.00B	10.00	168.80	....	....	16
10....	....	....	....	10.00N	10.20	168.30	....	....	16
11....	....	11.00B	....	11.00B	11.50	170.00	....	....	16
14....	....	....	....	11.50N	11.20	169.90	....	....	16
15....	....	....	10.75A	10.75A	10.25	168.85	....	....	16
16....	....	10.60B	....	10.60B	10.25	168.75	....	....	16
17....	....	10.40B	10.00A	10.25N	10.50	169.20	....	....	16
18....	....	....	10.00A	10.00A	10.00	168.80	....	....	16
21....	....	10.80B	....	10.80B	11.00	169.95	....	....	16
22....	....	11.50B	....	11.00N	11.25	170.05	....	....	16
23....	11.20	11.20	10.55A	10.80	11.25	170.20	...	200	216
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	....	9.95A	9.95A	10.00	169.00	....	....	216
29....	....	11.50B	....	11.50B	11.70	171.05	....	....	216
30....	....	....	11.00A	11.00A	10.10	168.75	....	....	216
				IN DECEMBER					
1....	....	10.50B	....	10.50B	10.50	169.60	....	....	216
2....	9.40	9.40	9.40	9.40	9.40	168.10	....	2	216
5....	8.60	9.50B	* 8.60	9.50B	9.75	168.90	....	3	216
6....	9.70	9.70	9.70	9.70	9.60	168.40	....	2	216
7....	....	10.10B	....	9.60N	10.10	169.05	....	....	216
8....	....	....	8.75A	8.75A	8.75	167.55	....	....	216
9....	....	....	* 8.40A	8.75N	8.75	167.40	....	....	216
12....	....	8.80B	....	8.80B	9.35	168.35	....	....	216
13....	....	....	* 8.05A	8.05A	8.10	167.15	....	....	216
14....	6.60	8.20B	* 6.60	6.90	6.90	165.70	....	50	261
15....	6.80	6.90	* 6.00	6.00	6.00	164.55	....	109	321
16....	....	6.50B	....	6.00N	6.90	165.75	....	2	321
19....	6.90	7.20B	6.70A	6.80A	6.80	165.75	....	20	341
20....	7.15	7.15	6.25	6.35B	6.30	165.20	....	12	352
21....	....	7.70B	....	7.70B	7.95	167.10	....	4	356
22....	7.30	8.20B	7.30	7.30	7.35	166.45	....	1	355
23....	7.70	7.70	7.45	7.45	7.45	166.55	....	250	605
26....	Exchange Closed, Christmas								
27....	8.20	8.55	8.20	8.55	8.30	167.45	....	640	1245
28....	8.40	8.40	7.95A	8.35	8.35	167.40	....	719	1945
29....	8.90	8.90	8.20A	8.20A	8.10	167.15	....	586	2529
30....	8.10	8.20	7.95A	8.15	8.15	167.30	....	504	2947
				MARCH 1984 165.00 CALLS IN AUGUST 1983					
11....	8.75	# 8.75	* 8.75	8.75	8.75	165.20	....	10	10
12....	....	....	....	8.75N	8.75	166.00	....	....	10
15....	....	....	....	8.75N	8.75	167.10	....	....	10
16....	....	....	....	8.75N	8.75	166.75	....	....	10
17....	....	....	....	8.75N	8.75	168.25	....	....	10
18....	....	....	....	8.75N	8.75	166.10	....	....	10
19....	....	....	....	8.75N	8.75	167.05	....	....	10
22....	....	....	....	8.75N	8.75	166.70	....	....	10
23....	....	....	....	8.75N	8.75	165.70	....	....	10
24....	....	....	* 8.60A	8.60A	8.60	163.85	....	....	10
25....	....	....	* 8.00A	8.00A	8.00	164.15	....	....	10
26....	8.25	8.25	8.25	8.25	8.25	165.00	....	....	10
29....	....	....	....	8.25N	8.25	165.35	....	10	20
30....	....	....	....	8.25N	8.25	165.25	....	....	20
31....	....	....	....	8.25N	8.25	166.95	....	....	20

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 165.00 CALLS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	8.25N	8.25	167.15	....	....	20
2....	....	....	....	8.25N	8.25	167.95	....	....	20
5....	Exchange Closed, Labor Day								
6....	....	....	....	8.25N	8.25	170.80	....	....	20
7....	....	#11.00B	....	11.00B	11.00	171.30	....	....	20
8....	....	....	....	11.00N	11.00	171.10	....	....	20
9....	....	....	....	11.00N	11.00	169.70	....	....	20
12....	....	....	....	11.00N	11.00	167.75	....	....	20
13....	....	....	9.10A	9.10A	9.10	168.15	....	....	20
14....	....	....	....	9.10N	9.10	168.70	....	....	20
15....	....	....	....	9.10N	9.10	167.85	....	....	20
16....	....	....	....	9.10N	10.00	170.35	....	....	20
19....	....	....	....	10.00N	10.90	171.55	....	....	20
20....	....	....	....	10.90N	11.50	172.70	....	....	20
21....	....	....	11.10A	11.10A	11.10	172.20	....	....	20
22....	....	....	....	11.10N	11.10	173.10	....	....	20
23....	....	....	....	11.10N	11.10	172.90	....	....	20
26....	....	....	....	11.10N	11.10	172.95	....	....	20
27....	....	....	10.60A	10.60A	10.60	171.80	....	....	20
28....	....	....	....	10.60N	10.60	171.50	....	....	20
29....	....	....	10.25A	10.25A	10.25	170.90	....	....	20
30....	....	....	9.60A	9.60A	9.60	169.75	....	....	20
IN OCTOBER									
3....	....	....	9.20A	9.20A	9.70	169.95	....	....	20
4....	....	....	9.55A	9.55A	9.55	170.05	....	....	20
5....	....	9.60B	9.45A	9.60B	10.40	171.65	....	....	20
6....	....	#11.20B	....	11.20B	11.40	173.50	....	....	20
7....	....	....	....	11.40N	11.40	173.70	....	....	20
10....	....	....	....	11.40N	11.40	175.70	....	....	20
11....	....	#11.50B	....	11.50B	11.00	173.20	....	....	20
12....	....	....	....	11.00N	10.50	172.65	....	....	20
13....	....	10.65B	....	10.65B	11.00	173.60	....	....	20
14....	....	....	10.70A	10.70A	10.70	173.30	....	....	20
17....	....	11.00B	....	11.00B	11.40	174.00	....	....	20
18....	....	....	....	11.40N	9.80	171.55	....	....	20
19....	....	....	8.40A	8.40A	8.60	170.20	....	....	20
20....	....	8.75B	....	8.60N	3.90	170.75	....	....	20
21....	....	....	9.10A	8.10A	8.10	169.60	....	....	20
24....	....	....	• 7.50A	8.10N	8.30	170.25	....	....	20
25....	....	8.50B	....	8.50B	8.80	170.05	....	....	20
26....	....	....	8.60A	8.60A	7.80	168.80	....	....	20
27....	....	....	....	7.80N	7.80	169.10	....	....	20
28....	....	....	7.60A	7.60A	6.80	167.30	....	....	20
31....	....	....	• 6.40A	6.80N	6.80	167.50	....	....	20
IN NOVEMBER									
1....	6.50	6.50	6.40A	6.50	6.90	167.70	...	1	21
2....	7.25	7.50B	7.25	7.50B	7.50	168.75	....	1	22
3....	....	....	7.30A	7.30A	6.50	167.10	....	....	22
4....	....	....	• 6.15A	6.15A	5.90	166.25	....	....	22
7....	....	....	....	5.90N	5.60	165.50	....	....	22
8....	....	....	....	5.60N	5.60	165.80	....	....	22
9....	5.60	6.25	• 5.60	6.25	6.90	168.00	....	5	24
10....	....	....	....	6.90N	7.00	168.30	....	11	24
11....	7.35@.45	8.00B	7.35	8.00B	8.00	170.00	....	4	28
14....	....	8.10B	....	8.00N	7.80	169.90	....	....	28
15....	....	....	7.00A	7.00A	7.00	168.85	....	....	28
16....	7.20	7.20	7.20	7.20	7.00	168.75	....	3	28
17....	....	....	6.70A	7.00N	7.00	169.20	....	....	28
18....	....	....	6.35A	6.35A	6.70	168.80	....	....	28
21....	6.95	7.50	6.95	7.30A	7.50	169.95	....	5	33
22....	7.50	7.90B	7.50	7.65B	7.65	170.05	....	3	31
23....	7.50	7.50	7.50	7.50	7.60	170.20	....	1	31
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	7.20	7.20	7.00A	7.00A	6.80	169.00	....	2	31
29....	6.95	8.00B	6.75A	8.00B	8.30	171.05	....	9	34
30....	....	....	7.25A	7.25A	6.60	168.75	....	....	34

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 165.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	6.50	6.80B	6.50	6.65	7.00	169.60	....	5	39
2	6.75	6.80B	6.20	6.20	6.10	168.10	....	7	42
5	5.95	6.70	5.70A	6.60	6.40	168.90	....	6	45
6	....	....	6.30A	6.30A	6.20	168.40	....	5	45
7	6.00	6.55	6.00	6.55	6.50	169.05	....	47	86
8	6.05	6.05	* 5.20	5.20	5.30	167.55	....	13	90
9	5.05	5.15B	* 4.45	5.15B	5.15	167.40	....	11	96
12	5.15	5.45	5.00	5.40	5.60	168.35	....	18	111
13	5.30	5.30	4.80	4.80	4.70	167.15	....	21	132
14	4.65	4.85	* 3.75A	3.75A	3.70	165.70	....	23	154
15	3.70	3.70	* 3.00	3.00	3.00	164.55	....	176	310
16	3.30	3.55	3.30	3.55	3.55	165.75	....	8	317
19	3.55	3.95	3.50A	3.60	3.55	165.75	....	28	336
20	3.60	3.70	3.10	3.25B	3.25	165.20	....	109	420
21	3.80	4.50	3.80	4.50	4.55	167.10	....	27	429
22	4.65@.80	4.80	3.05A	4.20	4.15	166.45	....	17	435
23	4.30	4.35	3.90	4.00	4.05	166.55	....	30	435
26	Exchange Closed, Christmas								
27	4.25	4.95	4.25	4.95	4.85	167.45	....	28	452
28	4.40	4.70B	4.40	4.70B	4.80	167.40	....	14	463
29	4.60	4.90B	4.40	4.40	4.55	167.15	....	23	470
30	4.50	4.60	4.35	4.35	4.45	167.30	....	21	487

MARCH 1984 170.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
28	8.30	# 8.30	* 8.30	8.30	8.30	169.85	....	1	1
29	....	....	....	8.30N	8.30	171.45	....	....	1
30	....	....	....	8.30N	8.30	172.70	....	....	1

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	8.30N	8.30	172.70	....	....	1
4	Exchange Closed, Independence Day								
5	....	....	....	8.30N	8.30	169.80	....	....	1
6	....	....	....	8.30N	8.30	172.10	....	....	1
7	....	....	....	8.30N	8.30	170.30	....	....	1
8	....	....	....	8.30N	8.30	170.70	....	....	1
11	....	....	....	8.30N	8.30	171.10	....	....	1
12	....	....	....	8.30N	8.30	168.45	....	....	1
13	....	....	....	8.30N	8.30	169.30	....	....	1
14	....	....	....	8.30N	8.30	169.40	....	....	1
15	....	....	....	8.30N	8.30	167.50	....	....	1
18	....	....	....	8.30N	8.30	167.70	....	....	1
19	....	....	....	8.30N	8.30	168.60	....	....	1
20	....	....	....	8.30N	8.30	172.80	....	....	1
21	....	....	....	8.30N	8.30	173.40	....	....	1
22	....	#10.00B	....	10.00B	10.00	172.50	....	....	1
25	....	....	....	10.00N	10.00	173.50	....	....	1
26	....	....	....	10.00N	10.00	173.85	....	....	1
27	....	....	....	10.00N	10.00	171.00	....	....	1
28	....	....	....	10.00N	8.00	168.30	....	....	1
29	....	....	....	8.00N	8.00	166.30	....	....	1

IN AUGUST

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	8.00N	8.00	165.70	....	....	1
2	....	....	....	8.00N	8.00	165.60	....	....	1
3	....	....	....	8.00N	8.00	167.10	....	....	1
4	....	....	....	8.00N	8.00	164.20	....	....	1
5	....	....	....	8.00N	8.00	165.45	....	....	1
8	....	....	....	8.00N	8.00	163.20	....	....	1
9	....	....	....	8.00N	8.00	164.05	....	....	1
10	....	....	....	8.00N	8.00	165.20	....	....	1
11	6.75	6.75	* 6.50	6.50	6.50	165.20	....	20	21
12	....	....	....	6.50N	6.50	166.00	....	....	21
15	....	....	....	6.50N	6.50	167.10	....	....	21
16	....	....	....	6.50N	6.50	166.75	....	....	21
17	....	....	....	6.50N	6.50	168.25	....	....	21
18	....	....	....	6.50N	6.50	166.10	....	....	21
19	....	....	....	6.50N	6.50	167.05	....	....	21
22	....	....	....	6.50N	6.50	166.70	....	....	21
23	....	....	....	6.50N	6.50	165.70	....	....	21
24	....	....	* 6.20A	6.20A	6.20	163.85	....	....	21
25	....	....	* 5.75A	5.75A	5.75	164.15	....	....	21
26	....	6.10B	....	6.10B	6.10	165.00	....	....	21
29	....	....	....	6.10N	6.10	165.35	....	....	21
30	....	....	....	6.10N	6.10	165.25	....	....	21
31	....	....	....	6.10N	6.10	166.95	....	....	21

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 170.00 CALLS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	6.25	6.25	6.25	6.25	6.25	167.15	....	1	21
2	....	....	....	6.25N	6.25	167.95	....	....	21
5	Exchange Closed, Labor Day								
6	....	....	....	6.25N	6.25	170.80	....	....	21
7	....	8.25B	....	8.25B	8.25	171.30	....	....	21
8	....	....	....	8.25N	8.25	171.10	....	....	21
9	....	....	....	8.25N	8.25	169.70	....	....	21
12	....	....	....	8.25N	8.25	167.75	....	....	21
13	6.50	6.50	6.50	6.50	6.50	168.15	....	....	21
14	....	....	....	6.50N	6.50	168.70	....	1	21
15	....	....	....	6.50N	6.00	167.85	....	....	21
16	....	....	....	6.00N	7.40	170.35	....	....	21
19	....	....	....	7.40N	7.90	171.55	....	....	21
20	....	....	....	7.40N	8.50	172.70	....	....	21
21	....	....	8.20A	8.20A	8.20	172.20	....	....	21
22	....	....	....	8.20N	8.50	173.10	....	....	21
23	....	8.75B	....	8.75B	8.75	172.90	....	....	21
26	8.80	9.40	8.80	9.40	8.80	172.95	....	4	25
27	....	....	7.80A	7.80A	7.80	171.80	....	2	27
28	....	....	....	7.80N	7.80	171.50	....	....	27
29	....	....	7.40A	7.40A	7.40	170.90	....	....	27
30	6.40	6.40	6.40	6.40	6.40	169.75	....	1	27
IN OCTOBER									
3	....	....	....	6.40N	6.40N	169.95	....	....	27
4	6.30	6.30	6.30	6.30	6.30	170.05	....	1	28
5	6.75	6.85B	6.75	6.85B	7.00	171.65	....	10	33
6	7.50	8.00B	7.50	8.00B	8.00	173.50	....	1	34
7	8.60	8.60	8.55	8.55	8.50	173.70	....	13	38
10	8.90	9.20B	7.95A	9.20B	9.20	175.70	....	3	41
11	8.75	8.75	8.15	8.15	8.00	173.20	....	2	41
12	....	....	7.50A	7.50A	7.50	172.65-	....	....	41
13	....	7.60B	7.40A	7.60B	8.00	173.60	....	....	41
14	8.00	8.00	7.70A	8.00	8.00	173.30	....	1	41
17	8.20	8.20	8.20	8.20	8.20	174.00	....	20	60
18	....	....	7.00A	7.00A	7.00	171.55	....	....	60
19	5.25	5.50B	* 5.25	5.50B	5.90	170.20	....	....	60
20	5.60	6.10	5.60	6.10	6.20	170.75	....	2	61
21	6.00	6.25B	5.50A	5.50A	5.60	169.60	....	3	61
24	5.00	5.50	* 5.00	5.50	5.60	170.25	....	15	64
25	5.50	5.70B	5.50	5.50	5.50	170.05	....	....	64
26	5.00	5.60B	5.00	5.00	5.10	168.80	....	25	82
27	4.90	5.00	* 4.90	5.00	5.00	169.10	....	11	90
28	4.50	5.10B	* 4.20	4.30	4.30	167.30	....	11	100
31	4.20	4.40	* 3.75	4.20B	4.30	167.50	....	29	128
IN NOVEMBER									
1	4.30	4.60	3.95A	4.60	4.50	167.70	....	35	159
2	4.90	5.00B	4.70	5.00B	4.90	168.75	....	27	183
3	4.00	4.30B	4.00	4.00	4.00	167.10	....	26	198
4	4.00	4.00	* 3.70	3.90	3.75	166.25	....	54	207
7	3.70	3.80B	3.70	3.70	3.60	165.50	....	14	195
8	3.60	3.70	* 3.60	3.60A	3.60	165.80	....	5	200
9	3.80	4.60	3.80	4.60	4.60	168.00	....	1	200
10	4.80	4.80	4.75	4.75	4.75	168.30	....	6	201
11	....	5.10B	....	5.10B	5.15	170.00	....	10	200
14	4.90	5.10	4.60	4.60	4.80	169.90	....	89	198
15	4.90	4.90	4.40	4.45B	4.45	168.85	....	8	205
16	4.60	4.60	4.10	4.15	4.15	168.75	....	886	1090
17	4.15	4.40	4.10	4.40	4.40	169.20	....	141	1203
18	4.20	4.30	3.90	4.10B	4.15	168.80	....	263	1464
21	4.20	4.70B	4.15	4.70B	4.60	169.95	....	57	1517
22	4.70	4.95	4.60	4.80	4.75	170.05	....	15	1521
23	4.80	4.80	4.05	4.60B	4.70	170.20	....	15	1527
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	4.30	4.30	4.10	4.10	4.15	169.00	....	3	1527
29	4.50	5.15	4.45	5.15	5.15	171.05	....	15	1542
30	5.30	5.30	4.20A	4.20A	4.20	168.75	....	17	1556

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 170.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	4.15	4.25B	3.90	4.25B	4.25	169.60	....	5	1536
2....	3.90	3.90	* 3.30	3.55	3.55	168.10	....	110	1573
5....	3.40	3.85B	3.35	3.70	3.70	168.90	....	772	1587
6....	3.80	3.80	3.50	3.50	3.55	168.40	....	528	1244
7....	3.50	3.80	3.50	3.55	3.60	169.05	....	55	1110
8....	3.55	3.55	* 2.75	2.85	2.85	167.55	....	86	1078
9....	2.95	2.95	* 2.50	2.50	2.50	167.40	....	53	1086
12....	2.55	2.80	2.50	2.80	2.80	168.35	....	298	1292
13....	2.70	2.70	* 2.40	2.40A	2.40	167.15	....	246	1524
14....	2.40	2.50	* 1.80	1.85	1.85	165.70	....	138	1625
15....	1.85	1.35	* 1.40	1.50	1.50	164.55	....	547	1378
16....	1.45	1.70	1.45	1.70	1.70	165.75	....	1066	1794
19....	1.80	1.90	1.65A	1.70A	1.70	165.75	....	126	1727
20....	1.75@.80	1.80	1.50	1.50	1.50	165.20	....	42	1741
21....	1.75	2.15	1.75	2.05@.00	2.05	167.10	....	348	1834
22....	2.25	2.30	1.85	1.90	1.90	166.45	....	178	1848
23....	2.00	2.00	1.85	1.85	1.90	166.55	....	305	1940
26....	Exchange Closed, Christmas								
27....	2.00	2.25	2.00	2.20	2.15	167.45	....	1716	3376
28....	2.00	2.15	1.80	2.00	2.05	167.40	....	313	3551
29....	2.15	2.20	1.90A	1.95	1.95	167.15	....	588	4024
30....	1.90	1.95	1.65	1.70	1.75	167.30	....	318	4261

MARCH 1984 175.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
21....	6.50	# 6.50	* 6.50	6.50	6.50	175.20	....	1	1
22....	7.90	# 7.90	7.90	7.90	7.90	174.30	....	....	1
23....	....	....	7.85A	7.85A	7.85	174.50	....	2	2
24....	....	....	....	7.85N	7.85	173.35	....	....	2
27....	....	....	....	7.85N	7.85	171.80	....	....	2
28....	....	....	....	7.85N	7.85	169.85	....	....	2
29....	....	....	....	7.85N	7.85	171.45	....	....	2
30....	....	....	....	7.85N	7.85	172.70	....	....	2

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	7.85N	7.85	172.70	....	....	2
4....	Exchange Closed, Independence Day								
5....	....	....	....	7.85N	7.85	168.80	....	....	2
6....	....	....	....	7.85N	7.85	172.10	....	....	2
7....	6.50	6.50	6.50	6.50	6.50	170.30	....	1	2
8....	....	....	....	6.50N	6.50	170.70	....	....	2
11....	....	....	....	6.50N	6.50	171.10	....	....	2
12....	....	....	* 6.30A	6.30A	6.30	168.45	....	....	2
13....	....	....	....	6.30N	6.30	169.30	....	....	2
14....	....	....	....	6.30N	6.30	169.40	....	2	4
15....	....	....	....	6.30N	6.30	167.50	....	....	4
18....	....	....	....	6.30N	6.30	167.70	....	....	4
19....	....	....	....	6.30N	6.30	168.60	....	....	4
20....	....	....	....	6.30N	6.30	172.80	....	....	4
21....	....	7.00B	....	7.00B	7.00	173.40	....	....	4
22....	....	....	....	7.00N	7.00	172.50	....	....	4
25....	....	....	....	7.00N	7.00	173.50	....	....	4
26....	....	....	....	7.00N	7.00	173.85	....	....	4
27....	....	....	....	7.00N	7.00	171.00	....	....	4
28....	....	....	....	7.00N	6.00	168.30	....	....	4
29....	5.75	5.75	* 5.75	5.75	5.75	166.30	....	2	6

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 175.00 CALLS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	4.00	4.00	*4.00	4.00	4.00	165.70	....	2	8
2	....	....	....	4.00N	4.00	165.60	....	....	8
3	....	....	....	4.00N	4.00	167.10	....	....	8
4	....	....	....	4.00N	4.00	164.20	....	....	8
5	....	....	....	4.00N	4.00	165.45	....	....	8
8	....	4.25B	....	4.25B	4.25	163.20	....	....	8
9	....	....	....	4.25N	4.25	164.05	....	....	8
10	....	....	....	4.25N	4.25	165.20	....	....	8
11	5.00	5.00	4.90	4.90	4.90	165.20	....	20	28
12	....	....	....	4.90N	4.90	166.00	....	....	28
15	....	....	....	4.90N	4.90	167.10	....	....	28
16	....	....	....	4.90N	4.90	166.75	....	....	28
17	....	....	....	4.90N	4.90	168.25	....	....	26
18	....	....	....	4.90N	4.90	166.10	....	....	28
19	....	....	....	4.90N	4.90	167.05	....	....	28
22	....	....	....	4.90N	4.90	166.70	....	....	28
23	....	....	....	4.90N	4.90	165.70	....	....	28
24	4.00	4.30	4.00	4.30	4.30	163.85	....	5	28
25	....	....	4.00A	4.00A	4.00	164.15	....	3	31
26	....	4.40B	....	4.40B	4.40	165.00	....	....	31
29	....	....	4.00A	4.00A	4.00	165.35	....	....	31
30	4.50	4.50	4.50	4.50	4.50	165.25	....	5	31
31	4.50	4.50	4.50	4.50	4.50	166.95	....	5	31
				IN SEPTEMBER					
1	....	....	....	4.50N	4.50	167.15	....	....	31
2	....	....	....	4.50N	4.50	167.95	....	....	31
5	Exchange Closed, Labor Day								
6	....	....	....	4.50N	4.50	170.80	....	....	31
7	....	6.00B	....	6.00B	6.00	171.30	....	....	31
8	....	....	....	6.00N	6.00	171.10	....	....	31
9	5.50	5.50	5.50	5.50	5.50	169.70	....	5	31
12	6.00	6.00	5.00	5.00	5.00	167.75	....	2	33
13	....	....	4.75A	4.75A	4.75	168.15	....	1	34
14	....	....	....	4.75N	4.75	168.70	....	....	34
15	....	....	....	4.75N	4.25	167.85	....	....	34
16	....	5.00B	....	5.00B	5.25	170.35	....	....	34
19	....	....	....	5.25N	5.60	171.55	....	....	34
20	6.00	6.10	6.00	6.10	6.30	172.70	....	26	54
21	6.10	6.15	5.70A	5.70A	5.70	172.20	....	17	61
22	6.25	6.25	6.25	6.25	6.25	173.10	....	8	67
23	....	....	....	6.25N	6.25	172.90	....	....	65
26	6.20	6.25	6.20	6.25	6.25	172.95	....	6	71
25	5.90	5.90	5.50A	5.50A	5.50	171.80	....	1	70
28	5.50	5.55	5.50	5.55	5.55	171.50	....	2	71
29	5.20	5.20	5.15	5.15	5.15	170.90	....	1	71
30	4.50	4.50	4.20	4.40	4.40	169.75	....	3	70
				IN OCTOBER					
3	....	....	....	4.40N	4.40	169.95	....	3	71
4	....	....	....	4.40N	4.40	170.05	....	....	71
5	4.60	4.90	4.60	4.90	5.10	171.65	....	3	71
6	5.10	5.70	5.10	5.70	5.70	173.50	....	25	91
7	5.60	5.90	5.60	5.85A	5.85	173.70	....	49	139
10	6.10	6.45B	5.60A	6.45B	6.45	175.70	....	35	172
11	6.00	6.00	5.60A	5.60A	5.50	173.20	....	1	172
12	5.30	5.40B	5.10	5.10	5.10	172.65	....	22	154
13	5.00	5.25B	5.00	5.20B	5.60	173.60	....	32	175
14	5.25	5.60	5.25	5.50	5.50	173.30	....	10	181
17	5.50	5.90	5.40A	5.70A	5.70	174.00	....	24	178
18	5.60	5.60	4.70A	4.70A	4.70	171.55	....	8	183
19	3.50	3.80B	*3.50	3.80B	3.90	170.20	....	7	184
20	3.95	4.00	3.95	4.00	4.00	170.75	....	9	181
21	....	....	*3.30A	4.00N	3.70	169.60	....	....	160
24	....	....	3.30A	3.30A	3.60	170.25	....	....	160
25	3.50	3.75B	3.50	3.70	3.60	170.05	....	9	162
26	3.20	3.60B	*3.20	3.20	3.30	168.80	....	17	174
27	3.30	3.40	3.30	3.40	3.40	169.10	....	8	178
28	....	....	*3.00A	3.00A	2.70	167.30	....	1	178
31	2.80	2.80	*2.50A	2.80	2.75	167.50	....	13	179

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 175.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	2.50	2.70B	* 2.45	2.70B	2.70	167.70	....	6	176
2....	2.90	3.00B	2.90	3.00B	3.00	168.75	....	30	204
3....	3.00	3.00	2.65	2.65	2.50	167.10	....	15	211
4....	2.30	2.30	* 2.30	2.30	2.20	166.25	....	22	202
7....	2.10	2.20B	* 2.10	2.20B	2.10	165.50	....	1	202
8....	....	2.15B	....	2.15B	2.15	165.80	....	....	202
9....	2.35	2.55	2.25	2.55	2.65	168.00	....	10	206
10....	2.70	2.70	2.45	2.60B	2.60	168.30	....	6	203
11....	3.10	3.10	3.10	3.10	3.10	170.00	....	3	203
14....	3.20	3.30	3.15	3.15	3.15	169.90	....	12	201
15....	3.05	3.10	2.80A	2.80A	2.80	168.85	....	43	202
16....	2.90	2.90	2.60A	2.60A	2.60	168.75	....	1	202
17....	2.30	2.50	2.30	2.50	2.50	169.20	....	104	304
18....	2.20	2.20	2.20	2.20	2.35	168.80	....	100	304
21....	2.35	2.70	2.35	2.50	2.50	169.95	....	599	788
22....	2.60	2.60	2.55A	2.60	2.60	170.05	....	4	789
23....	2.55	2.55	2.20	2.50	2.60	170.20	....	17	798
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	2.50	2.50	* 2.00	2.20B	2.20	169.00	....	113	712
29....	2.20	2.75	2.15A	2.75	2.80	171.05	....	214	895
30....	2.60	2.70B	2.20	2.20	2.20	168.75	....	122	824

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	2.10	2.20B	2.10	2.15	2.20	169.60	....	170	855
2....	2.20	2.20	* 1.90A	1.90A	1.90	168.10	....	603	857
5....	1.80	1.80	* 1.70A	1.80	1.80	168.90	....	3	854
6....	1.80	1.85B	* 1.65	1.65	1.70	168.40	....	7	857
7....	1.85	1.95	1.75	1.75	1.75	169.05	....	82	938
8....	1.70	1.70	* 1.35	1.35	1.35	167.55	....	172	1092
9....	1.25	1.40	* 1.15A	1.25	1.25	167.40	....	129	1146
12....	1.20	1.40	* 1.10	1.40	1.80	168.35	....	464	1485
13....	1.30	1.30	* 1.05	1.15	1.15	167.15	....	66	1537
14....	0.95	0.95	* 0.80	0.90B	0.90	165.70	....	16	1542
15....	0.80	0.80	* 0.45A	0.45A	0.50	164.55	....	494	1155
16....	0.50	0.60	0.50	0.60	0.60	165.75	....	60	1105
19....	0.60	0.70	0.60	0.60	0.60	165.75	....	8	1109
20....	0.75	0.75	0.60	0.60	0.60	165.20	....	342	1094
21....	0.70	0.90	0.70	0.90	0.90	167.10	....	166	1138
22....	0.90	0.95	0.80	0.85	0.85	166.45	....	274	1277
23....	0.80	0.85	0.80	0.80	0.80	166.55	....	61	1300
26....	Exchange Closed, Christmas								
27....	0.90	0.90	0.80	0.85	0.85	167.45	....	207	1474
28....	0.85	0.85	0.70	0.75	0.75	167.40	....	175	1590
29....	0.85	0.85	0.70	0.75	0.75	167.15	....	289	1438
30....	0.70	0.70	0.70	0.70	0.70	167.30	....	8	1440

MARCH 1984 180.00 CALLS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
21....	4.50	# 4.50	* 4.50	4.50	4.50	175.20	....	1	1
22....	....	# 5.00B	....	5.00B	5.00	174.30	....	....	1
23....	....	# 5.90B	....	5.00N	5.00	174.50	....	....	1
24....	....	....	....	5.00N	5.00	173.35	....	....	1
27....	5.00	5.00	5.00	5.00	5.00	171.80	....	....	1
28....	....	....	....	5.00N	5.00	169.85	....	1	2
29....	4.50	4.50	* 4.30	4.30	4.30	171.45	....	1	3
30....	....	4.50B	....	4.50B	4.50	172.70	....	1	4

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 180.00 CALLS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	4.50N	4.50	172.70	....	....	4
4	Exchange Closed, Independence Day								
5	....	....	....	4.50N	4.50	169.80	....	....	4
6	4.75	4.75	4.75	4.75	4.75	172.10	....	1	5
7	4.70	5.50	4.70	5.00A	5.00	170.30	....	70	55
8	5.00	5.00	4.60	4.60	4.60	170.70	....	....	54
11	4.90@5.00	5.00	4.90	4.90	4.90	171.10	....	12	64
12	4.80	4.80	4.50	4.50	4.50	168.45	....	63	116
13	....	4.55B	....	4.55B	4.55	169.30	....	....	116
14	5.00	5.00	5.00	5.00	5.00	169.40	....	11	127
15	....	....	4.80A	5.00N	5.00	167.50	....	....	127
18	....	5.10B	....	5.10B	5.10	167.70	....	....	127
19	5.00	5.00	5.00	5.00	5.00	168.60	....	....	127
20	....	# 6.10B	....	6.10B	6.10	172.80	....	16	143
21	....	....	....	6.10N	6.10	173.40	....	....	143
22	....	....	6.00A	6.00A	6.00	172.50	....	....	143
25	....	....	....	6.00N	6.00	173.50	....	....	143
26	6.20	# 6.60	6.20	6.35A	6.35	173.85	....	11	153
27	....	....	5.40A	5.40A	5.40	171.00	....	....	153
28	4.50	4.50	4.50	4.50	4.50	168.30	....	....	153
29	....	....	....	4.50N	4.50	166.30	....	....	153
IN AUGUST									
1	3.50	3.50	* 3.50	3.50	3.50	165.70	....	1	153
2	....	....	....	3.50N	3.50	165.60	....	2	153
3	....	....	....	3.50N	3.50	167.10	....	....	153
4	....	....	....	3.50N	3.50	164.20	....	....	153
5	....	....	....	3.50N	3.50	165.45	....	....	153
8	....	....	....	3.50N	3.50	163.20	....	....	153
9	....	....	* 3.00A	3.00A	3.00	164.05	....	....	153
10	....	....	....	3.00N	3.00	165.20	....	....	153
11	....	....	....	3.00N	3.00	165.20	....	....	153
12	3.00	3.00	* 3.00	3.00	3.00	166.00	....	....	153
15	3.60	3.60	3.60	3.60	3.60	167.10	....	4	154
16	....	....	3.00A	3.00A	3.00	166.75	....	....	154
17	....	3.60B	....	3.60B	3.60	168.25	....	....	154
18	3.25	3.50	3.25	3.50	3.50	166.10	....	2	154
19	....	....	....	3.50N	3.50	167.05	....	....	154
22	....	....	....	3.50N	3.50	166.70	....	....	154
23	....	....	3.20A	3.50N	3.50	165.70	....	....	154
24	....	....	3.00A	3.00A	3.00	163.85	....	....	154
25	2.50	2.50	* 2.25	2.50	2.50	164.15	....	40	154
26	....	2.85B	....	2.85B	2.85	165.00	....	1	154
29	3.10	3.10	3.10	3.10	3.10	165.35	....	10	164
30	3.00	3.00	2.90A	3.00	3.00	165.25	....	2	164
31	3.00	3.00	3.00	3.00	3.00	166.95	....	3	164
IN SEPTEMBER									
1	....	....	....	3.00N	3.00	167.15	....	....	164
2	....	....	....	3.00N	3.00	167.95	....	....	164
5	Exchange Closed, Labor Day								
6	....	4.50B	....	4.50B	4.50	170.80	....	....	164
7	4.50	4.50	4.50	4.50	4.50	171.30	....	5	169
8	....	....	....	4.50N	4.50	171.10	....	....	169
9	....	....	4.40A	4.40A	4.40	169.70	....	....	169
12	....	....	....	4.40N	3.80	167.75	....	....	169
13	....	....	3.40A	3.40A	3.40	168.15	....	....	169
14	....	....	....	3.40N	3.40	168.70	....	....	169
15	3.20	3.20	3.20	3.20	3.00	167.85	....	1	170
16	....	3.50B	....	3.50B	3.50	170.35	....	....	170
19	....	4.25B	....	3.50N	3.90	171.55	....	....	170
20	4.50	4.50	4.50	4.50	4.40	172.70	....	40	210
21	4.30	4.30	3.80	3.80	3.80	172.20	....	11	210
22	4.00	4.40	3.85	4.40	4.30	173.10	....	50	255
23	....	....	....	4.30N	4.30	172.90	....	1	256
26	....	....	....	4.30N	4.30	172.95	....	....	256
27	....	....	3.70A	3.70A	3.70	171.80	....	....	256
28	....	....	....	3.70N	3.70	171.50	....	....	256
29	....	....	3.45A	3.45A	3.45	170.90	....	....	256
30	3.35	3.35	3.10A	3.10A	3.10	169.75	....	2	258

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 180.00 CALLS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3	2.95	2.95	2.95	2.95	2.95	169.95	....	1	258
4	....	....	....	2.95N	2.95	170.05	....	....	258
5	3.30	3.70	3.30	3.70	3.70	171.65	....	59	314
6	3.40	3.70B	3.40	3.70B	3.70	173.50	....	7	317
7	3.80	3.95	3.80	3.85A	3.80	173.70	....	8	317
10	4.20	4.40B	3.70A	4.40B	4.40	175.70	....	4	321
11	4.10	4.10	3.80A	3.80A	3.70	173.20	....	3	318
12	3.40	3.50B	3.20	3.30	3.30	172.65	....	2	318
13			3.20A	3.30N	3.40	173.60	....	2	318
14			3.30A	3.40N	3.40	173.30	....	...	318
17		3.90B	3.30A	3.40N	3.50	174.00	....	....	318
18			2.90A	2.90A	2.90	171.55	....	....	318
19			2.30A	2.30A	2.40	170.20	....	....	318
20			....	2.40N	2.40	170.75	....	....	318
21		2.50B	* 2.20A	2.40N	2.30	169.60	....	...	318
24	2.10	2.10	* 2.00A	2.10	2.15	170.25	....	2	320
25				2.15N	2.15	170.05	....	....	320
26			2.00A	2.00A	2.00	168.80	....	....	320
27				2.00N	2.00	169.10	....	....	320
28	1.90	1.90	* 1.65A	1.65A	1.65	167.30	....	6	320
31	1.75	1.80	* 1.50	1.60	1.60	167.50	....	10	325
IN NOVEMBER									
1			1.50A	1.60N	1.60	167.70	....	1	326
2				1.60N	1.75	168.75	....	....	326
3			1.60A	1.60A	1.35	167.10	....	....	326
4				1.35N	1.20	166.25	....	....	325
7	1.15	1.15	* 1.15	1.15	1.10	165.50	....	1	325
8				1.10N	1.10	165.80	....	....	325
9	1.15	1.15	1.15	1.15	1.40	168.00	....	1	325
10	1.45	1.45	1.35	1.35	1.40	168.30	....	9	328
11		1.70B		1.70B	1.70	170.00	....	....	328
14		1.80B		1.70N	1.70	169.90	....	....	328
15	1.55	1.55	1.45A	1.45A	1.45	168.85	....	84	335
16	1.45	1.45	1.45	1.45	1.45	168.75	....	6	337
17			1.30A	1.45	1.30	169.20	....	....	337
18			* 1.05A	1.05A	1.20	168.80	....	....	337
21	1.25	1.25	1.25	1.25	1.25	169.95	....	2	339
22	1.20	1.30B	1.20	1.20	1.20	170.05	....	3	339
23				1.20N	1.20	170.20	....	....	339
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28			1.10A	1.10A	1.10	169.00	....	....	339
29	1.20	1.30	1.20	1.30	1.30	171.05	....	3	340
30			1.20A	1.20A	1.10	168.75	....	1	339
IN DECEMBER									
1	1.10	1.10	1.10	1.10	1.10	163.60	....	1	338
2			* 0.85A	0.85A	0.80	168.10	....	....	338
5	....	....	* 0.75A	0.70A	0.80	168.90	....	....	338
6	0.80	0.80	0.75A	0.75A	0.70	168.40	....	3	338
7	0.75	0.80B	0.75	0.75	0.75	169.05	....	1	339
8	....	....	....	0.75N	0.65	167.55	....	....	339
9	0.60	0.60	* 0.55	0.55	0.55	167.40	....	3	337
12	0.50	0.50	* 0.50	0.50	0.50	168.35	....	1	336
13	....	....	....	0.50N	0.45	167.15	....	....	336
14	0.40	0.40	* 0.40	0.40	0.40	165.70	....	1	336
15	3.30	0.30	* 0.25	0.25	0.25	164.55	....	19	337
16	0.20	0.20	* 0.20	0.20	0.20	165.75	....	1	338
19	0.30	0.30	0.25	0.30	0.25	165.75	....	12	348
20	0.25	0.25	0.25	0.25	0.25	165.20	....	13	355
21	0.20	0.25B	0.20	0.25B	0.25	167.10	....	1	354
22	0.25	0.25	0.25	0.25	0.25	166.45	....	13	365
23	0.25	0.25	* 0.15	0.15	0.15	166.55	....	211	432
26	Exchange Closed, Christmas								
27	0.25	0.25	0.25	0.25	0.25	167.45	...	8	428
28	0.25	0.25	0.20	0.20	0.20	167.40	....	3	429
29	0.20	0.20	0.20	0.20	0.20	167.15	....	24	446
30	0.25	0.25	0.25	0.25	0.25	167.30	...	25	457

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

MARCH 1984 185.00 CALLS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
6....	1.90	# 1.90	* 1.85	1.90B	1.90	173.50	....	....	....
7....	....	# 1.95B	....	1.95B	1.95	173.70	....	1	1
10....	....	# 2.30B	....	2.30B	2.30	175.70	....	1	2
11....	2.00	2.00	1.85	1.85	1.85	173.20	....	2	2
12....	....	1.90B	....	1.85N	1.85	172.65	....	....	2
13....	1.90	1.90	* 1.70	1.70	1.90	173.60	....	21	22
14....	1.75	1.75	1.75	1.75	1.75	173.30	....	5	27
17....	....	....	....	1.75N	1.80	174.00	....	....	27
18....	....	....	* 1.50A	1.50A	1.50	171.55	....	....	27
19....	1.35	1.35	* 1.35	1.35	1.35	170.20	....	5	32
20....	....	....	....	1.35N	1.35	170.75	....	....	32
21....	1.10	1.10	* 1.10	1.10	1.10	169.60	....	5	37
24....	1.05	1.05	* 1.05	1.05	1.05	170.25	....	2	37
25....	....	....	....	1.05N	1.05	170.05	....	....	37
26....	....	....	....	1.05N	1.05	168.80	....	....	37
27....	....	....	....	1.05N	1.05	169.10	....	....	37
28....	....	....	* 0.80A	0.80A	0.80	167.30	....	....	37
31....	....	....	....	0.80N	0.80	167.50	....	....	37
				IN NOVEMBER					
1....	....	....	* 0.75A	0.75A	0.80	167.70	....	....	37
2....	....	....	....	0.80N	0.80	168.75	....	....	37
3....	....	....	....	0.80N	0.80	167.10	....	....	37
4....	....	....	* 0.60A	0.60A	0.60	166.25	....	....	37
7....	0.60	0.60	* 0.45	0.45	0.45	165.50	....	2	39
8....	....	....	....	0.45N	0.45	165.80	....	....	39
9....	....	0.50B	....	0.50B	0.75	168.00	....	....	39
10....	....	....	....	0.75N	0.75	168.30	....	....	39
11....	0.75	0.85	0.75	0.85	0.85	170.00	....	3	42
14....	....	....	....	0.85N	0.80	190.90	....	1	42
15....	0.55	0.55	0.55	0.55	0.55	168.85	....	6	48
16....	....	....	....	0.55N	0.55	168.75	....	2	48
17....	....	....	....	0.55N	0.55	169.20	....	....	48
18....	....	....	....	0.55N	0.55	168.80	....	....	48
21....	0.50	0.55	0.50	0.55	0.55	169.95	....	13	61
22....	....	....	....	0.55N	0.55	170.05	....	....	61
23....	0.50	0.50	0.50	0.50	0.50	170.20	....	1	62
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.50	0.50	* 0.40	0.40	0.40	169.00	....	2	64
29....	0.45	0.45	0.45	0.45	0.45	171.05	....	2	66
30....	....	....	....	0.45N	0.45	168.75	....	3	66
				IN DECEMBER					
1....	0.40	0.40	0.40	0.40	0.45	169.60	....	3	66
2....	....	....	* 0.30A	0.30A	0.30	168.10	....	....	66
5....	0.30	0.30	* 0.25A	0.25A	0.25	168.90	....	1	67
6....	0.20	0.20	* 0.20	0.20	0.20	168.40	....	5	72
7....	....	....	....	0.20N	0.20	169.05	....	....	73
8....	0.20	0.20	0.20	0.20	0.20	167.55	....	5	73
9....	....	....	....	0.20N	0.20	167.40	....	....	73
12....	....	....	....	0.20N	0.20	168.35	....	....	73
13....	0.15	0.15	* 0.15	0.15	0.15	167.15	....	2	73
14....	0.10	0.10	* 0.10	0.10	0.10	165.70	....	4	69
15....	0.05	0.05	* 0.05	0.05	0.05	164.55	....	5	64
16....	....	....	....	0.05N	0.05	165.75	....	....	64
19....	....	....	....	0.05N	0.05	165.75	....	....	64
20....	0.05	0.05	0.05	0.05	0.05	165.20	....	2	64
21....	0.05	0.05	0.05	0.05	0.05	167.10	....	5	64
22....	....	....	....	0.05N	0.05	166.45	....	....	64
23....	....	....	....	0.05N	0.05	166.55	....	....	64
26....	Exchange Closed, Christmas								
27....	....	....	....	0.05N	0.05	167.45	....	....	64
28....	....	....	....	0.05N	0.05	167.40	....	....	64
29....	....	....	....	0.05N	0.05	167.15	....	....	64
30....	....	....	....	0.05N	0.05	167.30	....	....	62

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1984 165.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
21....	6.60	# 6.60	* 6.60	6.60	7.15	169.30	....	....	....
22....	....	....		7.15N	7.15	168.75		2	2
23....	....	....		7.00B	7.00	168.80	....	1	3
26....	Exchange Closed								
27....	....	....	....	7.00N	7.50	169.75			3
28....	....	....		7.50N	7.60	169.70			3
29....	....			7.60N	7.60	169.45			3
30....	....			7.60N	7.60	169.55			3

JUNE 1984 170.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
17....	6.50	# 6.50	* 6.50	6.50	6.50	171.05			
18....	....			6.50N	6.50	170.65		2	2
21....	....	....	....	6.50N	6.50	171.95			2
22....	....			6.50N	6.50	172.05			2
23....	....	....		6.50N	6.50	172.15			2
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	....	....	6.50N	6.50	170.90			2
29....	7.50	# 7.50	7.50	7.50	7.50	173.00		2	4
30....	....	....	....	7.50N	7.50	170.80			4

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	7.00	7.00	7.00	7.00	7.00	171.50		6	10
2....	7.00	7.00	7.00	7.00	5.80	170.00		2	12
5....	....	....	....	5.80N	6.10	170.85			12
6....	....	....	* 5.80A	5.80A	5.95	170.35	....		12
7....	6.10	6.10	6.10	6.10	6.10	171.00		5	17
8....	....		5.90A	5.90A	5.75	169.40			17
9....	....	....	* 5.60A	5.60A	5.60	169.40		....	17
12....	5.35	5.35	* 5.10	5.20B	5.50	170.40		21	38
13....	5.25	5.25	5.25	5.25	5.00	169.10	....	32	70
14....	5.00	5.00	* 4.50	4.50	4.20	167.75	....	2	71
15....	....	....	* 4.10A	4.10A	4.05	166.55	....	....	71
16....	3.80	4.40B	* 3.80	4.40B	4.40	167.85	....	1	71
19....	4.10	4.40	4.10	4.10A	4.10	167.85	....	2	72
20....	4.20	4.20	4.00	4.00	3.80	167.25	....	2	72
21....	4.50	4.50	4.50	4.50	4.55	169.30	....	5	77
22....	4.50	4.60B	4.05	4.20B	4.35	168.75	....	8	83
23....	....	....	....	4.35N	4.35	168.80	....	1	84
26....	Exchange Closed, Christmas								
27....	4.60	4.60	4.60	4.60	4.60	169.75	....	3	86
28....	4.60	4.60	4.50A	4.50A	4.50	169.70	....	8	93
29....	4.50	4.55B	4.50	4.50	4.50	169.45	....	2	95
30....	....	....	....	4.50N	4.50	169.55	....	....	95

JUNE 1984 175.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
7....	4.40	# 4.40	* 4.40	4.40	4.40	171.00	....	1	1
8....	....	....	....	4.40N	4.40	169.40	....	....	1
9....	....	...	* 4.00A	4.00A	4.00	169.40	....	....	1
12....	....	....	....	4.00N	4.00	170.40	....	....	1
13....	....	....	....	4.00N	3.20	169.10	....	....	1
14....	....	....	....	3.20N	2.90	167.75	....	....	1
15....	....	....	....	2.90N	2.60	166.55	....	....	1
16....	....	....	....	2.60N	2.60	167.85	....	....	1
19....	....	....	* 2.50A	2.60N	2.50	167.85	....	....	1
20....	2.55	2.55	2.55	2.55	2.30	167.25	....	1	2
21....	....	....	....	2.30N	2.60	169.30	....	....	2
22....	....	....	....	2.60N	2.60	168.75	....	....	2
23....	....	....	....	2.60N	2.60	168.80	....	....	2
26....	Exchange Closed, Christmas								
27....	3.00	3.00	3.00	3.00	3.00	169.75	....	1	3
28....	....	....	2.85A	2.85A	2.90	169.70	....	....	3
29....	....	....	....	2.90N	2.90	169.45	....	....	3
30....	....	....	....	2.90N	2.80	169.55	....	....	3

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1964 180.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
2....	2.40	# 2.40	* 2.40	2.40	2.40	170.00	....	2	2
5....	....	....	....	2.40N	2.20	170.85	....	....	2
6....	2.00	2.20B	* 2.00	2.00	2.10	170.35	....	1	3
7....	....	....	....	2.10N	2.10	171.00	....	....	3
8....	....	2.25B	....	2.25B	2.20	169.40	....	....	3
9....	....	....	....	2.20N	2.20	169.40	....	....	3
12....	....	....	2.00A	2.00A	2.00	170.40	....	....	3
13....	....	....	....	2.00N	1.90	169.10	....	....	3
14....	1.90	1.90	* 1.90	1.90	1.70	167.75	....	10	12
15....	....	....	....	1.70N	1.50	166.55	....	....	12
16....	....	....	....	1.50N	1.50	167.85	....	....	12
19....	1.15	1.15	* 1.15	1.15	1.15	167.85	....	1	13
20....	....	....	....	1.15N	1.05	167.25	....	....	13
21....	....	....	....	1.05N	1.50	169.30	....	....	13
22....	....	....	....	1.50N	1.50	168.75	....	....	13
23....	....	....	....	1.50N	1.50	168.80	....	....	13
26....	Exchange Closed, Christmas								
27....	....	....	....	1.50N	1.60	169.75	....	....	13
28....	....	....	1.50A	1.50A	1.50	169.70	....	....	13
29....	....	....	....	1.50N	1.50	169.45	....	....	13
30....	....	....	....	1.50N	1.50	169.55	....	....	13

JUNE 1984 185.00 CALLS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
22....	4.00	# 4.00	* 4.00	4.00	4.00	174.30	....	....	....
23....	....	....	....	4.00N	4.00	174.10	....	5	5
26....	....	....	....	4.00N	4.00	174.10	....	....	5
27....	....	....	....	4.00N	4.00	172.90	....	....	5
28....	....	....	....	4.00N	4.00	172.60	....	....	5
29....	....	....	....	4.00N	4.00	172.00	....	....	5
30....	....	....	....	4.00N	4.00	170.95	....	....	5

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
3....	....	....	....	4.00N	4.00	171.05	....	....	5
4....	....	....	....	4.00N	4.00	171.20	....	....	5
5....	....	....	....	4.00N	4.50	171.65	....	....	5
6....	....	....	4.40A	4.40A	4.50	174.65	....	....	5
7....	....	....	....	4.50N	4.50	174.85	....	....	5
10....	....	....	....	4.50N	4.50	177.10	....	....	5
11....	....	....	4.40A	4.40A	4.30	174.40	....	....	5
12....	....	....	....	4.30N	4.30	173.85	....	....	5
13....	....	....	....	4.30N	4.30	174.75	....	....	5
14....	....	....	....	4.30N	4.30	174.50	....	....	5
17....	....	....	....	4.30N	4.30	175.20	....	....	5
18....	....	....	....	4.30N	4.30	172.85	....	....	5
19....	....	....	* 3.10A	3.10A	3.10	171.55	....	....	5
20....	....	....	....	3.10N	3.10	172.10	....	....	5
21....	....	....	....	3.10N	3.10	171.00	....	....	5
24....	....	....	....	3.10N	3.10	171.70	....	....	5
25....	....	....	....	3.10N	3.10	171.50	....	....	5
26....	....	....	* 2.95A	2.95A	2.95	170.25	....	....	5
27....	....	....	....	2.95N	2.95	170.55	....	....	5
28....	....	....	....	2.95N	2.95	168.65	....	....	5
31....	....	....	* 2.50A	2.50A	2.50	169.30	....	....	5

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—CALLS

JUNE 1984 185.00 CALLS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	2.50N	2.50	169.50	....	....	5
2	....	....	....	2.50N	2.50	170.40	....	....	5
3	....	....	....	2.50N	2.50	168.85	....	....	5
4	....	....	* 2.25A	2.25A	2.25	168.00	....	....	5
7	....	....	....	2.25N	2.25	167.25	....	....	5
8	....	....	* 2.00A	2.00A	2.00	167.55	....	....	5
9	....	....	....	2.00N	2.00	169.80	....	....	5
10	....	....	....	2.00N	2.00	170.10	....	....	5
11	....	....	....	2.00N	2.00	171.90	....	....	5
14	....	....	....	2.00N	2.00	171.80	....	....	5
15	....	....	....	2.00N	2.00	170.85	....	....	5
16	....	....	....	2.00N	2.00	170.60	....	....	5
17	....	....	....	2.00N	2.00	171.05	....	....	5
18	....	....	....	2.00N	2.00	170.65	....	....	5
21	....	....	....	2.00N	2.00	171.95	....	....	5
22	....	....	....	2.00N	2.00	172.05	....	....	5
23	....	....	* 1.95A	1.95A	1.95	172.15	....	....	5
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	....	....	....	1.95N	1.95	170.90	....	....	5
29	1.50	1.80B	1.50	1.80B	1.80	173.00	....	2	7
30	....	....	....	1.80N	1.80	170.80	....	...	7

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	1.80N	1.80	171.50	....	....	7
2	....	....	....	1.80N	1.30	170.00	....	....	7
5	....	....	....	1.80N	1.10	170.85	....	....	7
6	....	....	....	1.10N	1.00	170.35	....	....	7
7	....	....	....	1.00N	1.00	171.00	....	....	7
8	....	....	....	1.00N	1.00	169.40	....	....	7
9	1.00	1.00	1.00	1.00	1.00	169.40	....	1	8
12	....	....	....	1.00N	1.00	170.40	....	....	8
13	....	....	....	1.00N	0.95	169.10	....	....	8
14	....	....	....	0.95N	0.80	167.75	....	....	8
15	....	....	....	0.80N	0.70	166.55	....	....	8
16	....	....	....	0.70N	0.70	167.85	....	....	8
19	....	....	....	0.70N	0.60	167.85	....	....	8
20	....	....	....	0.60N	0.50	167.25	....	....	8
21	0.60	0.60	* 0.60	0.60	0.70	169.30	....	4	6
22	....	....	....	0.70N	0.70	168.75	....	....	6
23	....	....	....	0.70N	0.70	168.80	....	....	6
26	Exchange Closed, Christmas								
27	....	....	....	0.70N	0.75	169.75	....	....	6
28	0.70	0.70	0.70	0.70	0.70	169.70	....	1	7
29	0.70	0.70	0.70	0.70	0.70	169.45	....	5	12
30	0.80	0.80	0.80	0.80	0.80	169.55	....	11	20

SEPTEMBER 1984 175.00 CALLS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
29	5.10	# 5.10	* 5.10	5.10	5.10	171.50	....	....	....
30	....	....	....	5.10N	5.10	171.70	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

Daily price range, volume and open interest on the Index and Option Market
(S & P 500 Futures Contract—$500.00 times Standard and Poor's 500 Stock Price Index)

MARCH 1983 135.00 PUTS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	1.15	# 1.15	* 1.15	1.15	1.15	143.25	....	1	1
2....	1.35	# 1.35	1.15A	1.20	1.20	144.05	....	13	12
3....	1.30	1.30	* 0.95	1.00	1.00	144.90	....	8	15
4....	1.10	1.10	* 0.55A	0.55A	0.55	148.40	....	4	18
7....	0.55	0.55	* 0.35	0.35	0.35	148.55	....	9	18
8....	0.40	0.40	0.35	0.40B	0.40	146.15	....	9	18
9....	....	0.45B	....	0.40N	0.40	146.15	....	....	18
10....	....	....	* 0.30A	0.30A	0.30	150.00	....	....	18
11....	0.35	0.35	0.30A	0.30A	0.30	148.80	....	....	18
14....	0.20	0.20	* 0.20	0.20	0.20	150.95	....	5	17
15....	0.30	0.40	0.30	0.40	0.40	149.35	....	9	22
16....	0.30	0.30	0.30	0.30	0.30	148.25	....	2	24
17....	....	....	....	0.30N	0.30	149.05	....	....	21
18....	....	....	0.25A	0.25A	0.25	149.25	....	....	20
21....	Exchange Closed, President's Day								
22....	0.20	0.40B	0.20	0.35	0.35	146.25	....	7	28
23....	0.30	0.30	0.20	0.20	0.20	148.60	....	8	36
24....	0.20	0.20	* 0.15	0.15	0.15	151.70	....	9	44
25....	0.10	0.10	* 0.05	0.05	0.05	151.00	....	2	45
28....	....	....	....	0.05N	0.05	149.20	....	1	46

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.05N	0.05	152.50	....	....	46
2....	0.10	0.10	0.05	0.05	0.05	152.55	....	4	47
3....	....	....	....	0.05N	0.05	153.25	....	....	45
4....	0.05	0.05	0.05	0.05	0.05	153.65	....	2	47
7....	....	....	....	0.05N	0.05	153.60	....	....	47
8....	....	....	....	0.05N	0.05	151.10	....	5	47
9....	....	....	....	0.05N	0.05	152.85	....	....	47
10....	....	....	....	0.05N	0.05	150.95	....	....	47
11....	....	....	....	0.05N	0.05	151.25	....	....	46
14....	....	....	....	0.05N	0.05	151.55	....	....	46
15....	....	....	....	0.05N	0.05	151.50	....	....	46
16....	....	....	....	0.05N	0.05	149.20	....	....	46
17....	....	....	....	0.05N	0.05	149.59	....	....	....

MARCH 1983 140.00 PUTS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
28....	3.00	# 3.00	* 2.10	2.30A	2.30	145.35	....	120	113
31....	2.60	2.60	* 1.85A	1.85A	1.85	147.20	....	141	157

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price##	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	1.80	2.95B	* 1.80	2.95B	2.95	143.25	....	126	212
2....	3.00	# 3.20	2.25A	2.50	2.50	144.05	....	165	338
3....	2.45	2.45	* 1.75	2.10	2.10	144.90	....	202	366
4....	2.15	2.15	* 1.05A	1.05A	1.05	148.40	....	93	429
7....	1.00	1.00	* 0.80	0.90	0.90	148.55	....	53	430
8....	0.85	1.15	0.80A	1.15	1.15	146.15	....	26	423
9....	1.15	1.30	0.95	1.05	1.05	146.15	....	77	458
10....	0.90	0.95	* 0.60	0.65	0.65	150.00	....	79	457
11....	0.70	0.95	0.60	0.70	0.70	148.80	....	89	432
14....	0.70	0.70	* 0.45	0.55	0.55	150.95	....	80	441
15....	0.60	0.80	0.55	0.80	0.80	149.35	....	128	421
16....	0.65	0.85	0.60	0.80	0.80	148.25	....	201	364
17....	0.75	0.85	0.65	0.65	0.65	149.05	....	59	383
18....	0.60	0.65	0.50	0.60	0.60	149.25	....	211	351
21....	Exchange Closed, President's Day								
22....	0.60	1.00	0.55	0.95	0.95	146.25	....	87	381
23....	0.85	0.90	0.55A	0.55A	0.55	148.60	....	88	420
24....	0.50	0.50	* 0.30	0.35B	0.35	151.70	....	139	515
25....	0.30	0.35	* 0.25	0.35	0.35	151.00	....	143	636
28....	0.35	0.45	0.30	0.40	0.40	149.20	....	505	947

B-Bid; A-Ask; N-Nominal; ##Determined by C.M.E. Rule 813 #New Contract High;
*New Contract Low; 0.002 cabinet transaction
Note: Volume or Open interest may be affected by spreads and previous days' trades cleared today. Open interest may also be affected by adjustments and deliveries.

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1983 140.00 PUTS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	0.25	0.35	* 0.20	0.20	0.20	152.50	....	180	1032
2	0.20	0.30	* 0.15	0.15	0.15	152.55	....	87	1067
3	0.15	0.15	* 0.10	0.10	0.10	153.25	....	117	1084
4	0.10	0.15	* 0.05	0.10	0.10	153.65	....	25	1095
7	0.10	0.15	0.10	0.15	0.15	153.60	....	20	1113
8	0.05	0.05	0.05	0.05	0.05	151.10	....	13	1118
9	0.05	0.05	0.05	0.05	0.05	152.85	....	5	1124
10	0.05	0.05	0.05	0.05	0.05	150.95	....	....	1122
11	....	....	....	0.05N	0.05	151.25	....	50	1121
14	0.05	0.05	0.05	0.05	0.05	151.55	....	83	1072
15	....	....	....	0.05N	0.05	151.50	....	....	984
16	....	....	....	0.05N	0.05	149.20	....	....	984
17	....	....	....	0.05N	0.05	149.59	....	....	....

MARCH 1983 145.00 PUTS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
28	4.50@5.00	# 5.00	* 3.70	4.25	4.25	145.35	....	240	194
31	4.30	4.60	* 3.30	3.30	3.30	147.20	....	155	216

IN FEBRUARY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	3.35	# 5.05B	3.35	5.05B	5.05	143.25	....	92	250
2	5.80	# 5.80	4.00A	4.50	4.50	144.05	....	90	278
3	4.30	4.50	3.65	4.15A	4.15	144.90	....	182	259
4	4.00	4.20	2.55A	2.55A	2.55	148.40	....	58	283
7	2.55	2.55	* 1.80	2.05	2.05	148.55	....	100	348
8	1.90	2.90	1.90	2.80	2.80	146.15	....	220	518
9	2.80	3.00	2.40A	2.50	2.50	146.15	....	91	523
10	2.30	2.30	* 1.50	1.75@.70	1.75	150.00	....	62	573
11	1.60	1.85	1.50	1.65	1.65	148.80	....	112	638
14	1.50	1.60	* 0.95	1.20	1.20	150.95	....	201	674
15	1.10	1.70	1.05	1.50	1.50	149.35	....	182	730
16	1.30@.15	1.85	1.15	1.85	1.85	148.25	....	294	873
17	1.80	2.00	1.50	1.60	1.60	149.05	....	187	906
18	1.30	1.55	1.05	1.50	1.50	149.25	....	369	1003
21	Exchange Closed, President's Day								
22	1.30	2.30	1.30	2.25	2.25	146.25	....	208	1040
23	2.05	2.15	1.10	1.10	1.10	148.60	....	170	950
24	1.10	1.10	* 0.60	0.60	0.60	151.70	....	239	1094
25	0.60	0.80	* 0.55	0.75	0.75	151.00	....	340	1331
28	0.85	1.30B	0.85	1.00	1.00	149.20	....	849	1822

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	0.95	0.95	* 0.50	0.50	0.50	152.50	....	484	1992
2	0.50	0.55B	* 0.35	0.40	0.40	152.55	....	609	1653
3	0.35	0.40	* 0.30	0.40	0.40	153.25	....	489	1589
4	0.45	0.50	0.30	0.35	0.35	153.65	....	86	1616
7	0.35	0.35	* 0.20	0.20	0.20	153.60	....	65	1612
8	0.30	0.35	0.20	0.30	0.30	151.10	....	114	1640
9	0.20	0.30	* 0.05	0.10	0.10	152.85	....	313	1638
10	0.05	0.15	0.05	0.15	0.15	150.95	....	114	1559
11	0.20	0.25	0.10	0.10	0.10	151.25	....	840	2362
14	0.10	0.10	0.05	0.05	0.05	151.55	....	139	2456
15	0.05	0.05	0.05	0.05	0.05	151.50	....	31	2409
16	0.05	0.05	0.05	0.05	0.05	149.20	....	5	2411
17	....	....	....	0.05N	0.05	149.59	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1983 150.00 PUTS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
28....	7.00@.50	# 7.50	* 6.15	7.40	7.40	145.35	....	14	14
31....	7.00	7.50B	* 6.00A	6.00A	6.00	147.20	....	15	19
IN FEBRUARY									
1....	6.35	# 8.15B	* 5.95A	8.15B	8.15	143.25	....	12	23
2....	8.60	# 8.65B	7.30	7.30	7.30	144.05	....	13	24
3....	7.40	7.40	6.80A	7.00A	7.00	144.90	....	56	49
4....	....	....	5.10A	5.10A	4.90	148.40	....	....	52
7....	4.00	4.40	* 3.90A	4.00	4.00	148.55	....	5	52
8....	4.00	5.40	5.00	5.20	5.20	146.15	....	47	89
9....	5.50	5.90	5.15A	5.20A	5.20	146.15	....	3	77
10....	4.30	4.40B	* 3.40	3.50	3.50	150.00	....	62	128
11....	3.20	4.00	* 3.05	3.50	3.50	148.80	....	115	172
14....	3.45	3.45	* 2.00	2.40	2.40	150.95	....	184	297
15....	2.50	3.45	2.30	3.20	3.20	149.35	....	210	373
16....	2.70	3.90	2.70	3.90	3.90	148.25	....	217	439
17....	3.70	4.25	3.30	3.30	3.30	149.05	....	168	490
18....	3.30	3.45	2.65	3.10B	3.10	149.25	....	142	553
21....	Exchange Closed, President's Day								
22....	3.10	4.90	3.10	4.90	4.90	146.25	....	143	555
23....	4.50	4.60	3.00	3.00	3.00	148.60	....	92	586
24....	2.60	2.60	* 1.50	1.65	1.65	151.70	....	491	993
25....	1.50	1.95	* 1.35	1.70	1.70	151.00	....	452	1214
28....	2.25	3.00	1.80	2.50	2.50	149.20	....	537	1324
IN MARCH									
1....	2.00	2.00	* 1.05	1.05@.15	1.10	152.50	....	573	1643
2....	1.20	1.50	* 1.00	1.05	1.05	152.55	....	623	1960
3....	1.05	1.15	* 0.85	1.10@.15	1.10	153.25	....	1007	2427
4....	1.25	1.35	0.85	0.90	0.90	153.65	....	487	2582
7....	1.00	1.20	* 0.75	0.80	0.80	153.60	....	922	3059
8....	0.90@.95	1.10	0.85	1.10	1.10	151.10	....	575	3083
9....	1.00	1.00	* 0.40	0.40	0.40	152.85	....	492	3099
10....	0.35	0.90	* 0.35	0.85B	0.85	150.95	....	803	3171
11....	0.90@.80	1.10	0.50	0.50@.55	0.55	151.25	....	676	3194
14....	0.50	0.70	* 0.30	0.35	0.35	151.55	3	650	3343
15....	0.40	0.45	* 0.15	0.20	0.20	151.50	....	409	3448
16....	0.25	0.90	* 0.10	0.80	0.80	149.20	....	968	3283
17....	0.50	1.15	0.30	0.40@.45	0.45	149.59	3	1392	2574
18....	....	....	....	....	....	....	2574	....	....
21....	....	....	....	....	....	....	....	17	....
23....	....	....	....	....	....	....	....	3	....

MARCH 1983 155.00 PUTS
IN FEBRUARY 1983

11....	6.20	# 6.60B	* 6.20	6.50B	6.50	148.80	....	15	15
14....	5.70	6.55B	* 5.25A	5.25A	5.25	150.90	....	15	30
15....	....	6.20B	* 5.20A	6.20B	6.20	149.35	....	....	30
16....	5.85	# 7.60	5.50A	7.60	7.60	148.25	....	2	30
17....	....	....	7.00A	7.00A	7.00	149.05	....	....	30
18....	....	....	6.60A	6.60A	6.60	149.25	....	....	30
21....	Exchange Closed, President's Day								
22....	....	# 9.20B	6.55A	9.20B	9.20	146.25	....	....	30
23....	....	....	6.75A	6.75A	6.75	148.60	....	....	30
24....	....	....	* 4.25A	4.25A	4.25	151.70	....	....	30
25....	4.00	5.05B	* 4.00	5.00@4.75	4.85	151.00	....	30	56
28....	6.20	6.80B	5.60A	6.25B	6.25	149.20	....	14	59

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1983 155.00 PUTS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	4.70	4.70	* 3.80A	3.80A	3.80	152.50	....	9	60
2....	3.80	3.90	* 3.10	3.50A	3.50	152.55	....	123	151
3....	3.10	3.30	* 2.40	3.00	3.00	153.25	....	254	343
4....	3.20	3.70	2.70	2.75B	2.75	153.65	....	111	356
7....	3.20@.30	3.55B	2.50	2.50	2.50	153.60	....	126	400
8....	3.00	4.40B	2.60	4.40B	4.40	151.10	....	77	408
9....	4.15	4.15	2.50	2.90B	2.90	152.85	....	40	413
10....	2.55	4.10	* 2.30	4.10B	4.15	150.95	....	129	492
11....	3.80	5.10	3.80	3.90A	3.90	151.25	....	85	497
14....	3.80	5.00B	3.10	3.50	3.50	151.55	....	134	418
15....	4.00	4.00	3.50A	3.55A	3.55	151.50	....	13	419
16....	4.05	5.50	3.40A	5.50	5.50	149.20	....	44	414
17....	6.00	6.05	5.40	5.40	5.40	149.59	25	14	383
18....	....	....	....	....	....	....	383	....	....

MARCH 1983 160.00 PUTS
IN MARCH 1983

3....	6.10	# 6.90B	* 6.10	6.90B	6.90	153.25	....	1	1
4....	....	# 7.60B	6.80A	6.80A	6.80	153.65	....	....	1
7....	....	7.00B	....	7.00B	7.00	153.60	....	....	1
8....	....	9.00B	....	9.00B	9.00	151.10	....	....	1
9....	....	....	8.20A	8.20A	8.20	152.85	....	....	1
10....	....	8.50B	7.50A	8.50B	8.50	150.95	....	....	1
11....	....	8.70B	....	8.70B	8.70	151.25	....	....	1
14....	....	9.00B	8.60A	9.00B	9.00	151.55	....	....	1
15....	....	....	....	9.00N	9.00	151.50	....	....	1
16....	....	....	....	9.00N	9.00	149.20	....	....	1
17....	10.50	#10.50	10.50	10.50	10.50	149.59	....	1	1
18....	....	....	....	....	....	....	1	....	....

JUNE 1983 135.00 PUTS
IN MARCH 1983

3....	1.10	# 1.10	* 1.05A	1.05A	1.05	154.60	....	1	1
4....	1.15	# 1.15	1.15	1.15	1.15	155.00	....	1	1
7....	1.25	# 1.25	1.25	1.25	1.25	154.85	....	3	4
8....	....	....	1.20A	1.25N	1.25	152.25	....	....	4
9....	1.30	# 1.30	1.15A	1.15A	1.15	153.80	....	10	8
10....	1.30	# 1.50	1.30	1.50	1.50	151.60	....	2	10
11....	1.45	1.50	1.35	1.40A	1.40	151.85	....	2	12
14....	1.35	1.35	1.35	1.35	1.35	152.25	....	8	20
15....	1.30	1.30	1.25A	1.30	1.30	152.45	....	8	22
16....	1.25	1.25	1.25	1.25	1.25	149.20	....	10	32
17....	1.30	1.40	1.25	1.25	1.25	149.35	....	14	44
18....	1.10	1.10	1.10	1.10	1.10	150.35	....	1	44
21....	1.10	1.10	* 0.80A	0.80	0.80	152.30	....	4	48
22....	....	....	....	0.80N	0.80	151.10	....	....	48
23....	....	....	* 0.50A	0.50A	0.50	154.70	....	2	50
24....	....	....	....	0.50N	0.50	154.85	....	....	50
25....	....	0.55B	....	0.55B	0.55	153.15	....	....	50
28....	0.50	0.50	* 0.50	0.50	0.50	153.15	....	6	55
29....	....	....	....	0.50N	0.50	152.30	....	1	56
30....	0.55	0.55	0.50A	0.50A	0.50	154.55	....	1	57
31....	0.50	0.50	* 0.40	0.50	0.50	151.90	....	7	64

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 135.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	0.60	0.60	0.55	0.55	0.55	153.20	....	12	75
5....	0.50	0.60	0.45A	0.60	0.60	151.75	....	5	78
6....	0.55	0.60B	0.55	0.60B	0.60	151.35	....	4	82
7....	0.55	0.55	0.50A	0.50A	0.50	151.80	....	3	85
8....	....	0.55B	....	0.50N	0.50	151.85	....	....	85
11....	0.45	0.45	* 0.35A	0.35A	0.35	155.10	....	5	87
12....	0.30	0.30	* 0.30	0.30	0.30	155.60	....	1	86
13....	....	....	* 0.25A	0.25A	0.25	156.35	....	....	86
14....	....	....	* 0.20A	0.20A	0.20	158.40	....	....	86
15....	....	....	....	0.20N	0.20	158.20	....	....	86
18....	....	....	* 0.15A	0.15A	0.15	159.05	....	....	86
19....	....	....	....	0.15N	0.15	157.95	....	....	86
20....	....	....	....	0.15N	0.15	160.20	....	....	86
21....	....	....	....	0.15N	0.15	159.75	....	....	86
22....	....	....	....	0.15N	0.15	159.80	....	....	86
25....	....	....	....	0.15N	0.15	158.15	....	....	86
26....	....	....	* 0.10A	0.10A	0.10	162.15	....	....	86
27....	....	....	....	0.10N	0.10	161.90	....	....	86
28....	....	....	* 0.05A	0.05A	0.05	163.30	....	....	86
29....	....	....	....	0.05N	0.05	164.25	....	....	86
IN MAY									
2....	0.05	0.05	0.05	0.05	0.05	163.05	....	1	86
3....	....	....	....	0.05N	0.05	163.20	....	....	86
4....	....	....	....	0.05N	0.05	164.20	....	....	86
5....	....	....	....	0.05N	0.05	164.85	....	....	86
6....	....	....	....	0.05N	0.05	167.50	....	....	86
9....	....	....	....	0.05N	0.05	167.10	....	....	86
10....	....	....	....	0.05N	0.05	167.10	....	....	86
11....	....	....	....	0.05N	0.05	166.00	....	....	86
12....	....	....	....	0.05N	0.05	165.15	....	....	86
13....	....	....	....	0.05N	0.05	165.85	....	....	86
16....	....	....	....	0.05N	0.05	164.25	....	....	86
17....	....	....	....	0.05N	0.05	164.55	....	....	86
18....	....	....	....	0.05N	0.05	163.05	....	....	86
19....	....	....	....	0.05N	0.05	162.15	....	....	86
20....	....	....	....	0.05N	0.05	161.95	....	....	86
23....	....	....	....	0.05N	0.05	163.95	....	....	86
24....	....	....	....	0.05N	0.05	166.15	....	....	86
25....	....	....	....	0.05N	0.05	166.90	....	....	86
26....	....	....	....	0.05N	0.05	166.15	....	....	86
27....	....	....	....	0.05N	0.05	165.60	....	....	86
30....	Exchange Closed, Memorial Day								
31....	....	....	....	0.05N	0.05	162.20	....	....	86
IN JUNE									
1....	....	....	....	0.05N	0.05	169.14	....	....	86
2....	....	....	....	0.05N	0.05	164.45	....	....	86
3....	....	....	....	0.05N	0.05	164.65	....	....	86
6....	....	....	....	0.05N	0.05	165.45	....	....	86
7....	....	....	....	0.05N	0.05	161.90	....	....	86
8....	....	....	....	0.05N	0.05	160.95	....	....	86
9....	....	....	....	0.05N	0.05	161.90	....	....	86
10....	....	....	....	0.05N	0.05	162.50	....	....	86
13....	....	....	....	0.05N	0.05	165.50	....	....	86
14....	....	....	....	0.05N	0.05	165.35	....	....	86
15....	....	....	....	0.05N	0.05	167.85	....	....	86
16....	....	....	....	0.05N	0.05	169.14	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 140.00 PUTS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2	4.80	# 4.80	* 4.80	4.80	4.80	144.95	....	1	1
3	....	....	* 4.75A	4.80N	4.80	145.80	....	....	1
4	4.40	# 4.85B	* 4.40	4.40	4.40	149.30	....	2	3
7	3.75	3.75	* 3.75	3.75	3.75	149.55	....	1	4
8	3.70	3.95B	* 3.50A	3.95B	3.95	147.20	....	2	5
9	4.00	4.05B	3.95A	4.05B	4.05	147.15	....	1	6
10	....	....	* 3.40A	3.40A	3.40	151.15	....	....	6
11	2.50	2.80B	* 2.50	2.50	2.50	149.80	....	....	6
14	2.70	2.70	2.70	2.70	2.70	152.05	....	3	9
15	....	....	2.65A	2.65A	2.65	150.50	....	1	10
16	3.00	3.00	2.50	2.50	2.50	149.30	....	4	12
17	....	....	* 2.40A	2.40A	2.40	150.05	....	....	10
18	....	....	* 2.35A	2.40N	2.40	150.40	....	....	10
21	Exchange Closed, President's Day								
22	2.40	2.75B	2.35A	2.75B	2.75	147.60	....	....	10
23	3.50	3.50	2.70A	2.95A	2.95	149.80	....	8	17
24	2.55	2.55	* 2.20	2.20	2.20	153.00	....	10	24
25	2.15	2.20	* 2.15	2.20	2.20	152.30	....	10	31
28	2.50	2.50	2.50	2.50	2.50	150.40	....	1	30

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	1.75	1.75	* 1.75	1.75	1.75	153.90	....	5	26
2	1.85	2.00	* 1.70A	2.00	2.00	153.95	....	2	27
3	1.70	1.70	* 1.70	1.70	1.70	154.60	....	2	29
4	2.00	2.25	1.70	1.75	1.75	155.00	....	16	41
7	....	1.80B	....	1.75N	1.75	154.85	....	....	36
8	1.75	2.00	* 1.60	2.00	2.00	152.25	....	11	41
9	1.90	1.90	1.85	1.85	1.85	153.80	....	4	40
10	1.75	2.20	1.70	2.05	2.05	151.60	....	6	43
11	2.00	2.00	1.90	1.90	1.90	151.85	....	30	68
14	2.00	2.10	1.85	1.95	1.95	152.25	....	67	100
15	2.00	2.00	1.80A	1.90	1.90	152.45	....	26	105
16	1.85	2.00	1.85	2.00	2.00	149.20	....	16	120
17	2.20	2.25	2.10	2.10	2.10	149.35	....	23	135
18	2.15	2.25	2.05	2.20	2.20	150.35	....	43	159
21	2.00	2.00	* 1.30	1.30	1.30	152.30	....	7	156
22	1.35	1.50	1.35	1.50	1.50	151.10	....	7	155
23	1.35	1.35	* 0.85A	0.95A	0.95	154.70	....	19	156
24	0.90	1.00	0.85	0.90A	0.90	154.85	....	15	162
25	0.90	1.15	0.90	1.05	1.05	153.15	....	42	180
28	1.00	1.15	1.00	1.05	1.05	153.15	....	16	192
29	1.00	1.00	1.00	1.00	1.00	152.30	....	15	205
30	1.10	1.10	0.90	0.90	0.90	154.55	....	29	233
31	0.85	1.05	* 0.80	1.05	1.05	151.90	....	15	241

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	Exchange Closed, Good Friday								
4	1.20	1.20	1.00	1.00	1.00	153.20	....	39	266
5	0.90	1.15	0.80	1.10	1.10	151.75	....	43	257
6	1.10	1.50	1.10	1.15	1.15	151.35	....	41	270
7	1.20	1.30	1.00	1.05	1.05	151.80	....	25	276
8	1.00	1.20B	1.00	1.00	1.00	151.85	....	11	284
11	0.95	0.95	* 0.65	0.65	0.65	155.10	....	23	284
12	0.70	0.70	* 0.60	0.60	0.60	155.60	....	19	288
13	0.60	0.60	* 0.50	0.50	0.50	156.35	....	27	290
14	0.50	0.60	0.50	0.50	0.50	158.40	....	15	294
15	0.45	0.45	* 0.40	0.45	0.45	158.20	....	8	283
18	0.45	0.45	* 0.35	0.40	0.40	159.05	....	9	291
19	....	....	....	0.40N	0.40	157.95	....	....	291
20	0.40	0.40	* 0.30	0.30	0.30	160.20	....	12	303
21	0.35	0.35	0.35	0.35	0.35	159.75	....	5	308
22	0.35	0.35	0.35	0.35	0.35	159.80	....	3	308
25	....	....	0.30A	0.35N	0.35	158.15	....	1	308
26	0.30	0.30	* 0.20	0.20	0.20	162.15	....	9	317
27	0.20	0.25	0.20	0.20	0.20	161.90	....	33	319
28	0.20@.25	0.25	* 0.15A	0.15A	0.15	163.30	....	21	311
29	0.15	0.15	* 0.10	0.10	0.10	164.25	....	7	306

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 140.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2	....	....	....	0.10N	0.10	163.05	....	2	308
3	0.10	0.10	* 0.05	0.05	0.05	163.20	....	4	310
4	....	....	....	0.05N	0.05	164.20	....	2	310
5	....	....	....	0.05N	0.05	164.85	....	....	306
6	0.05	0.05	0.05	0.05	0.05	167.50	....	21	303
9	....	....	....	0.05N	0.05	167.10	....	....	303
10	....	....	....	0.05N	0.05	167.10	....	....	303
11	0.05	0.05	0.05	0.05	0.05	166.00	....	2	301
12	....	....	....	0.05N	0.05	165.15	....	....	301
13	....	....	....	0.05N	0.05	165.85	....	....	301
16	....	....	....	0.05N	0.05	164.25	....	....	301
17	....	....	....	0.05N	0.05	164.55	....	....	301
18	....	....	....	0.05N	0.05	163.50	....	....	301
19	....	....	....	0.05N	0.05	162.15	....	....	301
20	0.05	0.05	0.05	0.05	0.05	161.95	....	14	300
23	....	....	....	0.05N	0.05	163.95	....	3	300
24	....	....	....	0.05N	0.05	166.15	....	6	300
25	....	....	....	0.05N	0.05	166.90	....	....	300
26	....	....	....	0.05N	0.05	166.15	....	....	300
27	....	....	....	0.05N	0.05	165.60	....	....	299
30	Exchange Closed, Memorial Day								
31	....	....	....	0.05N	0.05	162.20	....	....	299
IN JUNE									
1	....	....	....	0.05N	0.05	162.95	....	....	299
2	....	....	....	0.05N	0.05	164.45	....	....	301
3	....	....	....	0.05N	0.05	164.65	....	....	301
6	0.05	0.05	0.05	0.05	0.05	165.45	....	8	300
7	....	....	....	0.05N	0.05	161.90	....	1	301
8	....	....	....	0.05N	0.05	160.95	....	....	300
9	....	....	....	0.05N	0.05	161.90	....	....	300
10	....	....	....	0.05N	0.05	162.50	....	....	300
13	....	....	....	0.05N	0.05	165.50	....	....	300
14	....	....	....	0.05N	0.05	165.35	....	....	300
15	....	....	....	0.05N	0.05	167.85	....	....	300
16	....	....	....	0.05N	0.05	159.14	....	....	....

JUNE 1983 145.00 PUTS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31	7.50	# 7.50	* 7.00A	7.50	7.50	148.05	....	1	1
IN FEBRUARY									
1	7.00	# 7.60B	* 6.80	7.60B	7.60	144.05	....	4	5
2	7.20	# 7.70B	* 6.50A	7.00	7.00	144.95	....	....	5
3	7.30	7.30	* 6.40A	7.00	7.00	145.80	....	5	9
4	....	7.10B	* 5.40A	5.40A	5.40	149.30	....	....	9
7	4.90	4.90	* 4.90A	4.90	4.90	149.55	....	....	9
8	5.00	5.30B	* 4.85A	5.30B	5.30	147.20	....	3	9
9	....	5.55B	....	5.55B	5.55	147.15	....	....	9
10	5.00	5.00	* 4.60	4.60	4.60	151.15	....	2	11
11	4.40	4.85B	* 4.40	4.75	4.75	149.80	....	4	13
14	4.90	4.90	4.70A	4.90	4.90	150.95	....	1	15
15	....	....	4.60A	4.60A	4.60	150.50	....	....	15
16	....	....	4.40A	4.40A	4.40	149.30	....	....	13
17	4.50	5.15B	4.50	5.05A	5.05	150.05	....	5	18
18	....	....	4.80A	4.80A	4.80	150.40	....	2	19
21	Exchange Closed, President's Day								
22	5.00	5.30B	4.75A	5.30B	5.30	147.60	....	1	20
23	5.25	5.25	4.45A	4.45A	4.45	149.80	....	2	22
24	3.50	3.70	* 3.50	3.60	3.60	153.00	....	11	32
25	3.50	3.50	* 2.80	2.80	2.80	152.30	....	25	48
28	3.20	4.60B	3.20	4.60B	4.60	150.40	....	13	49

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 145.00 PUTS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	3.75	3.75	* 2.60	3.00A	3.00	153.90	....	38	64
2	2.85	3.50	2.85	3.10	2.10	153.95	....	8	71
3	3.20	3.30	* 2.40	2.85	2.85	154.60	....	18	86
4	3.40	3.60	2.85A	3.00	3.00	155.00	....	22	100
7	3.05	3.40	3.05	3.05A	3.05	154.85	....	6	102
8	3.25	3.40	3.00	3.40	3.40	152.25	....	28	125
9	3.40	3.40	2.85	2.85	2.85	153.80	....	19	132
10	2.85	3.40	2.80	3.40	3.40	151.60	....	36	163
11	3.40	3.55	3.25	3.50	3.50	151.85	....	19	168
14	3.45	3.70	3.10	3.20	3.20	152.25	....	38	196
15	3.25	3.25	2.90	3.00	3.00	152.45	....	25	210
16	3.10	3.75	2.80	3.75	3.75	149.20	....	63	235
17	3.75@.85	4.00	3.60	3.60	3.60	149.35	....	44	256
18	3.70	3.70	3.25	3.25	3.25	150.35	....	68	288
21	3.45	3.45	2.65A	2.65A	2.65	152.30	....	68	333
22	2.50@.45	2.95	2.45	2.90	2.90	151.10	....	113	369
23	2.50	2.50	* 1.70	1.85A	1.85	154.70	....	135	330
24	1.85	2.00	* 1.55	1.85A	1.85	154.85	....	85	308
25	1.90	2.20	1.85	2.05	2.05	153.15	....	69	318
26	2.00	2.20	2.00	2.05	2.05	153.15	....	26	329
29	1.95	2.20	1.95	2.20	2.20	152.30	....	24	347
30	2.10	2.10	1.90	2.00	2.00	154.55	....	25	364
31	1.80	2.40	..60	2.40	2.40	151 90	....	23	370
				IN APRIL					
1	Exchange Closed, Good Friday								
4	2.25	2.30B	2.00	2.05	2.05	153.20	....	15	371
5	1.85	2.30B	1.70	2.30B	2.30	151.75	....	91	395
6	2.30	2.55	2.10	2.20	2.20	151.35	....	55	393
7	2.50	2.50	2.00	2.00	2.00	151.80	....	28	388
8	2.00	2.25	1.90	1.90	1.90	151.85	....	20	396
11	1.70	1.70	* 1.30	1.30	1.30	155.10	....	63	430
12	1.30	1.40	* 1.25	1.25	1.25	155.60	....	37	450
13	1.25	1.25	* 1.00	1.05	1.05	156.35	....	66	464
14	1.05	1.20	* 0.90	0.90	0.90	158.40	....	44	463
15	0.95	0.95	* 0.75	0.75	0.75	158.20	....	25	480
18	0.85	0.90	* 0.60	0.60	0.60	159.05	....	26	496
19	0.70	0.90	0.70	0.90	0.90	157.95	....	11	485
20	0.85	0.85	0.60	0.70	0.70	160.20	....	8	486
21	0.70	0.70	0.65	0.65	0.65	159.75	....	17	494
22	0.60	0.65	0.60	0.65	0.65	159.80	....	20	499
25	0.60	0.70B	* 0.55	0.70B	0.70	158.15	....	23	490
26	0.70	0.70	* 045A	0.45A	0.45	162.15	....	28	498
27	0.50	0.50	* 0.40	0.50	0.50	161.90	....	67	527
28	....	....	* 0.35A	0.35A	0.35	163.30	....	5	525
29	0.30	0.35	* 0.20	0.20	0.20	164.25	....	5	526
				IN MAY					
2	0.25	0.25	0.25	0.25	0.25	163.05	....	5	525
3	0.30	0.30	* 0.10	0.10	0.10	163.20	....	6	529
4	0.15	0.15	0.10	0.15	0.15	164.20	....	1	525
5	0.10	0.10	0.10	0.10	0.10	164.85	....	5	520
6	0.05@.10	0.10	* 0.05	0.10	0.10	167.50	....	20	535
9	0.10	0.10	0.10	0.10	0.10	167.10	....	1	534
10	....	....	....	0.10N	0.10	167.10	11	17	528
11	....	....	....	0.10N	0.10	166.00	....	....	528
12	....	....	....	0.10N	0 10	165.15	....	....	528
13	....	....	....	0.10N	0.10	165.65	....	....	528
16	0.05	0.05	0.05	0.05	0.05	164.25	....	1	528
17	....	....	....	0.05N	0.05	164.55	....	....	527
18	....	....	....	0.05N	0.05	163.05	....	....	527
19	....	....	....	0.05N	0.05	162.15	....	....	527
20	0.05	0.05	0.05	0.05	0.05	161.95	....	43	530
23	0.05	0.05	0.05	0.05	0.05	163.95	....	13	528
24	....	....	....	0.05N	0.05	166.15	....	....	528
25	....	....	....	0.05N	0.05	166.90	....	....	522
26	....	....	....	0.05N	0.05	166.15	....	....	522
27	....	....	....	0.50N	0.05	165.60	....	....	522
30	Exchange Closed, Memorial Day								
31	....	....	....	0.05N	0.05	162.20	....	....	522

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 145.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	0.05N	0.05	162.95	....	....	522
2....	....	....	....	0.05N	0.05	164.45	....	....	522
3....	....	....	....	0.05N	0.05	164.65	....	....	522
6....	....	....	....	0.05N	0.05	165.45	....	....	522
7....	....	....	....	0.05N	0.05	161.90	....	....	522
8....	....	....	....	0.05N	0.05	160.95	....	....	522
9....	....	....	....	0.05N	0.05	161.90	....	....	522
10....	....	....	....	0.05N	0.05	162.50	....	....	522
13....	....	....	....	0.05N	0.05	165.50	....	....	522
14....	....	....	....	0.05N	0.05	165.35	....	....	522
15....	....	....	....	0.05N	0.05	167.85	....	....	522
16....	....	....	....	0.05N	0.05	169.14	....	....	....

JUNE 1983 150.00 PUTS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
14....	6.50	# 6.50	* 6.00	6.00	6.00	152.05	....	3	3
15....	5.90	5.90	* 5.90	5.90	5.90	150.50	....	1	4
16....	....	6.15B	* 5.80A	6.15B	6.15	149.30	....	....	4
17....	6.70	# 6.70	6.65A	6.65A	6.65	150.05	....	6	10
18....	....	....	6.55A	6.55A	6.55	150.40	....	....	10
21....	Exchange Closed, President's Day								
22....	....	# 8.00B	....	8.00B	8.00	147.60	....	....	10
23....	7.60	7.60	6.50	6.50	6.50	149.80	....	4	14
24....	6.45	6.45	* 5.25	5.70	5.70	153.00	....	15	29
25....	5.50	5.50	* 5.00	5.50	5.50	152.30	....	12	40
28....	6.50@.75	6.75	5.30	6.40	6.40	150.40	....	15	47

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	6.00	6.00	* 4.60	4.60	4.60	153.90	....	22	68
2....	5.10	5.20	* 4.45	4.80A	4.80	153.95	....	17	84
3....	4.35	4.50	* 4.10	4.30	4.30	154.60	....	40	114
4....	4.70	5.10	4.25	4.25@.30	4.30	155.00	....	35	143
7....	4.50	5.00	4.25	4.50	4.50	154.85	....	20	150
8....	4.65	5.40	4.25	5.20	5.20	152.25	....	41	167
9....	5.25@.20	5.30	4.50	4.55A	4.55	153.80	....	54	209
10....	4.60	5.40	4.40	5.40	5.40	151.60	....	36	240
11....	5.40	5.60	5.10	5.20	5.20	151.85	....	39	251
14....	5.15	5.80	4.70	4.90A	4.90	152.25	....	84	300
15....	5.15@.10	5.30	4.70	4.80B	4.80	152.45	....	52	321
16....	5.00	6.05	4.65	6.00	6.00	149.20	....	78	334
17....	6.00@5.95	6.20	5.60	5.80	5.80	149.35	....	40	334
18....	5.85	5.85	5.20	5.30	5.30	150.35	....	125	383
21....	5.40	5.50	4.20	4.20	4.20	152.30	....	196	468
22....	4.20	4.75B	4.20	4.75B	4.75	151.10	....	141	570
23....	4.40	4.40	* 3.00	3.15	3.15	154.70	....	313	565
24....	3.20@.15	3.45	* 2.80	3.10	3.10	154.85	....	244	754
25....	3.20	3.95	3.05	3.60	3.60	153.15	....	132	787
28....	3.45	3.95	3.40	3.60	3.60	153.15	....	65	781
29....	3.50	3.90	3.20	3.90	3.90	152.30	....	51	745
30....	3.80	3.80	3.10	3.20	3.20	154.55	....	57	747
31...	3.00	4.00	* 2.75	4.00	4.00	151.90	....	152	809

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 150.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	3.90	4.10	3.40	3.40	3.40	153.20	....	218	681
5....	3.15	4.20	3.05	4.00	4.00	151.75	....	86	717
6....	3.90	4.70	3.80	4.00A	4.00	151.35	....	130	699
7....	4.05	4.40	3.65	3.70	3.70	151.80	....	82	660
8....	3.75	4.15B	3.30	3.40B	3.40	151.85	....	50	671
11....	3.20	3.20	* 2.40	2.50	2.50	155.10	....	267	889
12....	2.50	2.70	* 2.20	2.30@.20	2.25	155.60	....	271	1045
13....	2.30	2.35	* 1.90	2.05	2.05	156.35	....	261	1216
14....	2.00	2.35	* 1.70	1.70	1.70	158.40	....	140	1289
15....	1.95	1.95	1.70	1.70	1.70	158.20	....	93	1325
18....	1.75	1.90	* 1.40	1.50	1.50	159.05	....	157	1330
19....	1.75	1.95	1.65	1.75	1.75	157.95	....	64	1321
20....	1.65	1.70	1.40	1.40	1.40	160.20	....	121	1317
21....	1.55	1.55	* 1.30	1.45@.40	1.40	159.75	....	86	1348
22....	1.40	1.45	* 1.20	1.20	1.20	159.80	....	123	1351
25....	1.15	1.55	* 1.15	1.50	1.50	158.15	....	68	1360
26....	1.50	1.60	* 0.80	0.80	0.80	162.15	....	97	1431
27....	0.80	1.10	0.80	0.90A@.85	0.85	161.90	....	93	1457
28....	0.80	1.00	* 0.70	0.70	0.70	163.30	....	298	1323
29....	0.65	0.80	* 0.50	0.55A@.50	0.55	164.25	....	108	1284
IN MAY									
2....	0.50	0.65	0.50	0.60	0.60	163.05	....	251	1208
3....	0.60	0.65	0.50	0.50	0.50	163.20	....	110	1215
4....	0.50	0.50	* 0.40	0.40	0.40	164.20	....	60	1246
5....	0.35	0.40	* 0.30	0.30	0.30	164.85	....	23	1226
6....	0.30	0.30	* 0.20	0.20	0.20	167.50	....	75	1266
9....	0.25	0.25	0.20	0.20	0.20	167.10	....	83	1295
10....	0.20	0.20	* 0.15	0.15	0.15	167.10	....	19	1291
11....	0.20	0.25	0.20	0.25	0.25	166.00	....	74	1323
12....	0.25	0.25	0.20	0.20	0.20	165.15	....	41	1282
13....	0.20	0.20	0.20	0.20	0.20	165.85	....	9	1259
16....	0.30	0.30	0.20	0.20	0.20	164.25	....	23	1260
17....	0.20	0.25	0.15	0.15	0.15	164.55	....	57	1298
18....	0.10	0.15	* 0.10	0.15	0.15	163.05	....	57	1308
19....	0.15	0.25	0.15	0.20A	0.20	162.15	....	10	1308
20....	0.20	0.25	0.20	0.20A	0.20	161.95	....	14	1321
23....	0.25	0.25	0.10	0.10	0.10	163.95	....	39	1297
24....	0.10	0.10	* 0.05	0.05	0.05	166.15	....	13	1298
25....	0.05	0.05	0.05	0.05	0.05	166.90	....	34	1280
26....	0.05	0.05	0.05	0.05	0.05	166.15	....	61	1283
27....	....	....	....	0.05N	0.05	165.60	....	....	1262
30....	Exchange Closed, Memorial Day								
31....	0.05	0.05	0.05	0.05	0.05	162.20	....	47	1306
IN JUNE									
1....	0.05	0.05	0.05	0.05	0.05	162.95	....	14	1314
2....	....	....	....	0.05N	0.05	164.45	....	....	1307
5....	....	....	....	0.05N	0.05	164.65	....	....	1307
6....	....	....	....	0.05N	0.05	165.45	....	....	1307
7....	....	....	....	0.05N	0.05	161.90	....	....	1307
8....	0.05	0.05	0.05	0.05	0.05	160.95	....	1	1308
9....	....	....	....	0.05N	0.05	161.90	....	....	1307
10....	....	....	....	0.05N	0.05	162.50	....	....	1307
13....	0.05	0.05	0.05	0.05	0.05	165.50	....	....	1307
14....	....	....	....	0.05N	0.05	165.35	....	1	1308
15....	....	....	....	0.05N	0.05	167.85	....	....	1308
16....	....	....	....	0.05N	0.05	169.14	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 155.00 PUTS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
25....	6.50	# 6.90B	* 6.50	6.90B	6.90	152.30	....	1	1
28....	....	# 8.00B	....	8.00B	8.00	150.40	....	....	1
IN MARCH									
1....	....	....	7.00A	7.00A	7.00	153.90	....	....	1
2....	7.05	7.05	6.90A	7.00	7.00	153.95	....	1	2
3....	6.40	6.40	* 6.15A	6.40B	6.40	154.60	....	3	5
4....	6.80	7.40	6.50	6.65	6.65	155.00	....	34	38
7....	7.05	7.50	6.80A	6.80A	6.80	154.85	....	5	43
8....	6.50	7.35B	6.50	7.30B	7.30	152.25	....	9	52
9....	7.30	7.40	6.60	6.80	6.80	153.80	....	32	76
10....	6.80	7.80B	6.75A	7.80B	7.80	151.60	....	17	83
11....	7.90	# 8.50	7.75A	8.00A	8.00	151.85	....	8	76
14....	8.10	8.10	7.25	7.25	7.25	152.25	....	13	89
15....	....	7.40B	7.20A	7.20A	7.20	152.45	...	....	89
16....	7.20	# 9.00B	7.10	9.00B	9.00	149.20	....	23	110
17....	9.00	# 9.00	8.80	8.80	8.80	149.35	....	2	110
18....	8.80	8.80	8.00A	8.00A	8.00	150.35	....	14	124
21....	8.10	8.10	6.75A	6.75A	6.75	152.30	....	20	129
22....	6.65	7.30B	6.60	6.70	6.10	151.10	....	95	180
23....	6.65	6.65	* 4.75	5.00A	5.00	154.70	....	92	128
24....	5.05	5.50	* 4.60	4.80A	4.80	154.85	....	44	139
25....	4.90	6.05	4.90	5.75B	5.75	153.15	....	20	148
28....	5.75	6.10B	5.60A	5.90	5.90	153.15	....	14	159
29....	5.45	6.25	5.30	6.20A	6.20	152.30	....	25	169
30....	6.00	6.00	5.15	5.15	5.15	154.55	....	19	183
31....	4.85	6.35B	4.60	6.35B	6.35	151.90	....	30	204
IN APRIL									
1....	Exchange Closed, Good Friday								
4....	6.15@.20	6.30	5.75	5.75	5.75	153.20	....	29	221
5....	5.35	6.60	5.15	6.60	6.60	151.75	....	9	228
6....	6.65	7.50	6.40A	6.95A	6.95	151.35	....	28	242
7....	6.60	7.25	6.20A	6.25A	6.25	151.80	....	27	255
8....	6.15	6.70	6.00	6.10A	6.10	151.85	....	18	260
11....	5.45	5.45	* 4.25	4.35	4.35	155.10	....	60	292
12....	4.10	4.75	* 3.95	3.95	3.95	155.60	....	102	350
13....	4.00	4.05	* 3.30A	3.50	3.50	156.35	....	190	420
14....	3.40	4.05	* 2.75	2.85	2.85	158.40	....	198	556
15....	3.15	3.25	2.95	3.00B	3.00	158.20	....	238	735
18....	3.05	3.40	* 2.70	2.75	2.75	159.05	....	243	866
19....	3.00	3.40	3.00	3.20A	3.20	157.95	....	147	900
20....	3.05	3.15	* 2.40	2.40	2.40	160.20	....	211	1010
21....	2.50	2.80	* 2.35	2.65	2.65	159.75	....	176	1095
22....	2.60	2.60	2.40	2.45	2.45	159.80	....	108	1128
25....	2.35	3.10	2.35	3.05	3.05	158.15	....	88	1161
26....	3.10	3.10	* 1.75	1.75	1.75	162.15	....	204	1277
27....	1.65@.60	2.10	* 1.60	1.85A	1.85	161.90	....	169	1254
28....	1.85	1.85	* 1.45	1.45	1.45	163.30	....	96	1270
29....	1.40	1.55	* 1.10	1.15@.10	1.15	164.25	....	153	1318

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 155.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2....	1.05	1.40	* 1.05	1.30	1.30	163.05	....	169	1327
3....	1.30	1.35	1.05	1.10	1.10	163.20	....	183	1370
4....	1.10	1.15	* 0.90	1.00	1.00	164.20	....	162	1425
5....	1.00	1.00	* 0.80	0.80	0.80	164.85	....	586	1363
6....	0.75@.75	0.75	* 0.50	0.55	0.55	167.50	....	204	1417
9....	0.60	0.60	* 0.45	0.50	0.50	167.10	....	186	1467
10....	0.50	0.50	* 0.40	0.45A	0.45	167.10	....	27	1410
11....	0.50	0.70	0.50	0.60@.55	0.55	166.00	....	118	1480
12....	0.55	0.70	0.50	0.55	0.55	165.15	....	101	1374
13....	0.50	0.50	0.40	0.45	0.45	165.85	....	46	1377
16....	0.55	0.70	0.55	0.60A	0.60	164.25	....	21	1385
17....	0.55	0.60	0.40	0.40	0.40	164.55	....	48	1372
18....	0.30	0.45	* 0.25	0.45	0.45	163.05	....	261	1424
19....	0.40	0.65	0.40	0.60	0.60	162.15	....	26	1425
20....	0.55	0.65	0.40	0.40	0.40	161.95	....	39	1421
23....	0.65@.70	0.75	0.25	0.30	0.30	163.95	....	52	1412
24....	0.30	0.30	* 0.20	0.20	0.20	166.15	....	87	1386
25....	0.15	0.20	* 0.15	0.15	0.15	166.90	....	84	1359
26....	0.15	0.15	* 0.05	0.10	0.10	166.15	....	22	1340
27....	0.10	0.15	0.10	0.15	0.15	165.60	....	13	1343
30....	Exchange Closed, Memorial Day								
31....	0.15	0.25	0.15	0.25	0.25	162.20	....	17	1352

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.30	0.30	0.15	0.20	0.20	162.95	....	48	1376
2....	0.15	0.15	0.10	0.10	0.10	164.45	....	54	1421
3....	0.05	0.05	0.05	0.05	0.05	164.65	....	3	1424
6....	0.10	0.10	0.05	0.05	0.05	165.45	....	17	1420
7....	0.05	0.10	0.05	0.10	0.10	161.90	....	48	1437
8....	0.05	0.10	0.05	0.10	0.10	160.95	....	76	1436
9....	0.10	0.10	0.05	0.05	0.05	161.90	....	30	1427
10....	0.05	0.05	0.05	0.05	0.05	162.50	....	17	1431
13....	....	....	....	0.05N	0.05	165.50	....	3	1430
14....	....	....	....	0.05N	0.05	165.35	....	....	1429
15....	....	....	....	0.05N	0.05	167.85	....	....	1429
16....	....	....	....	0.05N	0.05	169.14	....	....	....

JUNE 1983 160.00 PUTS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3....	9.00	# 9.30B	* 8.80A	9.30B	9.30	154.60	....	2	1
4....	....	# 9.50B	9.20A	9.20A	9.20	155.00	....	....	1
7....	....	9.30B	....	9.30B	9.30	154.85	....	....	1
8....	....	#10.50B	....	10.50B	10.50	152.25	....	....	....
9....	No Contracts Open								
23....	8.55	8.55	* 7.90	8.00B	8.00	154.70	....	4	2
24....	8.00	8.40	7.90A	7.90A	7.90	154.85	....	2	3
25....	....	8.90B	....	8.90B	8.90	153.15	....	....	3
28....	....	9.00B	8.50A	9.00B	9.00	153.15	....	....	3
29....	....	9.20B	8.60A	9.20B	9.20	152.30	....	....	3
30....	....	....	8.50A	8.50A	8.50	154.55	....	....	3
31....	7.40	9.20B	* 7.40	9.20B	9.20	151.90	....	4	7

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 160.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	9.00	9.30B	9.00	9.00	9.00	153.20	....	1	6
5....	....	9.80B	8.50A	9.80B	9.80	151.75	....	....	6
6....	....	10.50B	....	10.25B	10.25	151.35	....	....	6
7....	10.25	10.50B	9.70A	9.70A	9.70	151.80	....	1	6
8....	....	10.35B	9.60A	9.80B	9.80	151.85	....	....	6
11....	....	....	* 7.05A	7.05A	7.05	155.10	....	....	6
12....	7.05	7.30B	* 7.00	7.00	7.00	155.60	....	21	23
13....	5.80	6.10	* 5.75	5.85B	5.85	156.35	....	23	30
14....	6.10	6.40	* 4.70	4.85	4.85	158.40	....	120	125
15....	4.90	5.20B	* 4.65	4.80	4.80	158.20	....	53	171
18....	5.00	5.40B	* 4.30	4.50	4.50	159.05	....	93	221
19....	5.10	5.50	4.85	5.20A	5.20	157.95	....	112	261
20....	5.20	5.20	* 3.90	4.00	4.00	160.20	....	192	392
21....	4.20	4.60	* 3.85	4.40A	4.40	159.75	....	154	531
22....	4.35	4.40B	3.95	4.10	4.10	159.80	....	165	653
25....	3.95@.90	5.15	3.90	5.00	5.00	158.15	....	146	685
26....	5.15	5.20	* 3.05	3.05	3.05	162.15	....	167	723
27....	3.05	3.70	* 2.75	3.20	3.20	161.90	....	261	780
28....	3.30	3.30	* 2.50	2.55	2.55	163.30	....	257	896
29....	2.60	2.85	* 2.00	2.15@.25	2.20	164.25	....	429	1165
IN MAY									
2....	2.15	3.00	2.15	2.75A	2.75	163.05	....	255	1245
3....	2.75	3.10	2.20	2.20	2.20	163.20	....	193	1266
4....	2.25	2.40	* 1.95	2.05	2.05	164.20	....	154	1315
5....	2.00	2.10	* 1.75	1.75	1.75	164.85	....	149	1363
6....	1.75	1.75	* 0.95	1.25A	1.25	167.50	....	198	1422
9....	1.30	1.45	1.10	1.15	1.15	167.10	....	166	1403
10....	1.05	1.05	0.95	1.00	1.00	167.10	....	130	1320
11....	1.15	1.40	1.00	1.20	1.20	166.00	....	162	1327
12....	1.25	1.60	1.20	1.25	1.25	165.15	....	159	1267
13....	1.20	1.20	1.00	1.10	1.10	165.85	....	82	1304
16....	1.40@.35	1.65	1.30A	1.30A	1.30	164.25	....	265	1387
17....	1.30	1.50	1.05	1.10	1.10	164.55	....	192	1348
18....	0.90	1.35	* 0.85	1.35	1.35	163.05	....	196	1402
19....	1.25	1.80	1.20	1.60	1.60	162.15	....	179	1441
20....	1.60	1.85	1.45	1.60	1.60	161.95	....	258	1485
23....	1.85@.95	2.05	1.00	1.05	1.05	163.95	....	203	1572
24....	1.00	1.00	* 0.50	0.50	0.50	166.15	....	206	1558
25....	0.50	0.65	* 0.40	0.40	0.40	166.90	....	354	1939
26....	0.40	0.55	* 0.35	0.50	0.50	166.15	....	202	1660
27....	0.40	0.55	0.40	0.50A	0.50	165.60	....	118	1725
30....	Exchange Closed, Memorial Day								
31....	0.60	1.10	0.45	1.05A	1.05	162.20	....	156	1701
IN JUNE									
1....	1.05	1.15	0.60	0.70	0.70	162.95	....	233	1706
2....	0.60	0.70	0.35	0.35	0.35	164.45	....	210	1713
3....	0.35	0.35	* 0.20	0.25	0.25	164.65	....	348	1830
6....	0.25	0.40	* 0.15	0.20	0.20	165.45	....	151	1847
7....	0.25	0.60	0.20	0.60	0.60	161.90	....	285	1919
8....	0.50@.55	0.95	0.45	0.90B@.95	0.95	160.95	....	431	2061
9....	0.75@.80	1.00	0.40	0.50	0.50	161.90	....	312	2229
10....	0.50	0.50	0.30	0.30	0.30	162.50	....	165	2267
13....	0.10@.05	0.15	* 0.05	0.05	0.05	165.50	....	214	2371
14....	0.05	0.05	0.05	0.05	0.05	165.35	....	50	2389
15....	....	....	....	0.05N	0.05	167.85	....	3	2389
16....	....	....	....	0.05N	0.05	169.14	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 165.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
15....	8.20	# 8.40B	* 7.95A	7.95A	7.95	158.20	....	2	2
18....	....	....	....	7.95N	7.50	159.05	....	....	2
19....	....	# 8.60B	....	8.60B	8.60	157.95	....	....	2
20....	7.00	7.15	* 7.00	7.15	7.15	160.20	....	4	3
21....	7.20	7.50B	* 6.80	7.40B	7.40	159.75	....	27	25
22....	....	....	7.00A	7.00A	7.00	159.80	....	....	25
25....	7.00	8.00B	6.90A	8.00B	8.00	158.15	....	1	25
26....	....	8.05B	* 5.50A	5.50A	5.50	162.15	....	....	25
27....	5.00	6.50B	* 5.00	5.80	5.80	161.90	....	54	57
28....	5.80	5.80	* 4.70A	4.70A	4.70	163.30	....	38	53
29....	4.80	4.90	* 3.90	4.10	4.10	164.20	....	23	71
IN MAY									
2....	4.20	5.25	4.05A	5.00A	5.00	163.05	....	25	83
3....	5.25	5.25	4.75	4.75@.80	4.80	163.20	....	10	86
4....	4.60	4.60	* 3.80	3.80	3.80	164.20	....	35	108
5....	3.95	4.15	* 3.40	3.40	3.40	164.85	....	117	157
6....	3.40	3.40	* 1.90	2.30	2.30	167.50	....	206	264
9....	2.55@.65	2.80	2.15	2.40	2.40	167.10	....	378	412
10....	2.40	2.40	2.10	2.35A	2.35	167.10	....	207	566
11....	2.60	3.20	2.30	2.85A	2.85	166.00	....	167	638
12....	2.85@.90	3.30	2.75	3.00B	3.00	165.15	....	267	742
13....	2.90@.80	2.90	2.35	2.60	2.60	165.85	....	121	848
16....	3.60	3.85	3.30	3.30	3.30	164.25	....	68	854
17....	3.30	3.65	2.85	2.90	2.90	164.55	....	138	876
18....	2.60	3.60B	2.30	3.60B	3.60	163.05	....	182	950
19....	3.40	4.30	3.35A	4.15	4.15	162.15	....	57	910
20....	3.95	4.65	3.90	4.20	4.20	161.95	....	122	914
23....	4.90	5.00	2.85	3.00	3.00	163.95	....	148	899
24....	2.80	3.00	* 1.75	1.80	1.80	166.15	....	131	901
25....	1.65	2.10	* 1.35	1.40	1.40	166.90	....	306	1053
26....	1.60	1.90	* 1.30	1.80	1.80	166.15	....	232	1068
27....	1.60	1.75	1.45	1.60	1.60	165.60	....	185	1150
30....	Exchange Closed, Memorial Day								
31....	2.25	3.60	1.65	3.55	3.55	162.20	....	204	1170
IN JUNE									
1....	3.55	4.35	2.70	2.75	2.85	162.95	....	186	1141
2....	2.30	3.00B	1.90	2.00	1.95	164.45	....	56	1103
3....	2.00	2.00	* 1.20	1.55	1.55	164.65	....	152	1168
6....	1.65	1.90	* 0.70	0.90	0.90	165.45	....	215	1235
7....	1.05	3.05	1.00	3.05	3.30	161.90	....	297	1340
8....	3.25	4.25	2.90A	4.25	4.25	160.95	....	342	1164
9....	3.60	4.60	3.10	3.10	3.35	161.90	....	112	1042
10....	2.95	3.20B	2.50A	2.75B	2.75	162.50	....	55	1064
13....	1.65	2.10	* 0.60	0.60	0.60	165.50	....	126	1137
14....	0.60	0.85	* 0.30	0.55	0.55	165.35	....	277	1245
15....	0.55	0.55	* 0.05	0.05	0.05	167.85	....	617	1634
16....	0.05	0.05	0.05	0.05	0.05	169.14	....	33	....
17....	....	....	....	....	....	....	....	1	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 170.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
22....	11.20	#11.20	*11.20	11.20	11.20	159.80	....	....	....
25....	10.50@.60	#12.10B	*10.50	12.10B	12.10	158.15	....	4	2
26....	....	#12.15B	* 9.00A	9.00A	9.00	162.15	....	....	2
27....	....	....	....	9.00N	9.00	161.90	....	....	2
28....	....	....	....	9.00N	9.00	163.30	....	....	2
29....	7.30	7.30	* 7.30	7.30	7.30	164.25	....	1	3
				IN MAY					
2....	....	8.00B	....	8.00B	8.00	163.05	....	....	3
3....	....	....	....	8.00N	8.00	163.20	....	....	3
4....	7.00	7.30B	* 7.00	7.30B	7.30	164.20	....	5	6
5....	7.30	7.30	* 6.50A	6.50A	6.50	164.85	....	1	6
6....	....	....	* 4.30A	4.30A	4.30	167.50	....	....	6
9....	4.80	4.85	4.50	4.65	4.65	167.10	....	18	24
10....	4.45	4.65	4.40	4.60B	4.60	167.10	....	5	25
11....	4.90	5.75	4.90	5.50	5.50	166.00	....	20	37
12....	5.55	6.30	5.55	6.10B	6.10	165.15	....	7	42
13....	5.20	5.45B	5.00	5.45B	5.45	165.85	....	5	43
16....	7.00	7.10	6.50	6.50	6.50	164.25	....	32	72
17....	....	6.60B	....	6.60B	6.60	164.55	....	....	70
18....	5.55	7.40B	5.55	7.40B	7.40	163.05	....	11	66
19....	7.90@.95	8.30	7.20A	8.20A	8.20	162.15	....	15	72
20....	....	8.50B	8.10A	8.35B	8.35	161.95	....	....	72
23....	9.50	9.50	6.50	6.50	6.50	163.95	....	2	71
24....	6.20	6.20	5.00A	5.00A	5.00	166.15	....	4	71
25....	4.35	4.55	* 4.10A	4.10A	4.10	166.90	....	38	82
26....	3.90	4.70	* 3.90	4.40	4.65	166.15	....	50	111
27....	4.45	4.95B	4.25	4.95B	4.95	165.60	....	12	123
30....	Exchange Closed, Memorial Day								
31....	5.50	7.90	5.30A	7.90	7.90	162.20	....	9	123
				IN JUNE					
1....	8.00	8.50	7.00A	7.40	7.15	162.95	....	11	126
2....	6.30	7.20B	6.10A	6.10A	5.75	164.45	....	4	125
3....	5.25	5.40B	5.20A	5.40B	5.60	164.65	....	9	129
6....	5.30	6.00B	4.70A	4.70A	4.70	165.45	....	7	129
7....	....	7.55B	....	7.55B	8.15	161.90	....	3	132
8....	....	....	8.00A	8.00A	8.00	160.95	....	....	129
9....	8.40	9.20B	7.90A	8.40	8.15	161.90	....	5	129
10....	8.00	8.10	8.00	8.10	7.50	162.50	....	4	125
13....	....	....	4.65A	4.65A	4.65	165.50	....	....	125
14....	4.70	5.00B	4.25A	4.70	4.65	165.35	1	20	124
15....	....	....	* 3.75A	3.75A	2.25	167.85	....	15	118
16....	1.95	2.30B	* 0.70	0.70	0.85	169.14	....	27	127
17....	....	....	....	....	....	....	127	....	....
21....	....	....	....	....	....	....	....	5	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1983 175.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
11	9.80	# 9.80	• 9.25A	9.25A	9.25	166.00	....	....	....
12	....	#10.00B	....	10.00B	10.00	165.15	....	2	2
13	....	....	9.50A	9.50A	9.50	165.85	....	....	2
16	11.30	#11.40B	10.90A	10.90A	10.90	164.25	....	1	3
17	11.00	#11.50B	10.90A	10.90A	10.90	164.55	....	3	6
18	....	#12.20B	9.60A	12.20B	12.20	163.05	1	2	7
19	....	....	....	12.20N	12.85	162.15	....	....	7
20	....	....	....	12.85N	12.85	161.95	....	....	7
23	....	....	....	12.85N	11.15	163.95	....	....	7
24	10.80	10.80	9.75A	9.75A	9.75	166.15	....	2	9
25	9.00	9.00	• 8.05A	8.05A	8.05	166.90	....	3	10
26	8.75	9.00B	8.75	9.00B	9.00	166.15	....	3	9
27	....	9.20B	8.70A	9.20B	9.40	165.60	....	....	9
30	Exchange Closed, Memorial Day								
31	....	#12.70B	....	12.70B	12.70	162.20	....	....	9
				IN JUNE					
1	....	#12.80B	....	12.70N	12.00	162.95	....	....	9
2	....	....	11.00A	11.00A	10.50	164.45	....	....	9
3	10.50	10.50	9.90A	9.90A	10.40	164.65	....	3	12
6	....	10.70B	9.50A	9.50A	9.50	165.45	....	....	12
7	....	....	....	9.50N	13.10	161.90	....	....	12
8	....	#13.20B	....	13.10N	14.05	160.95	....	....	12
9	...	....	12.90A	14.05N	13.10	161.90	....	....	12
10	....	....	....	13.10N	12.50	162.50	....	....	12
13	....	....	9.75A	9.75A	9.75	165.50	....	....	12
14	....	10.00B	....	9.75N	9.65	165.35	....	....	12
15	8.40	8.40	8.40	8.40	7.25	167.85	....	5	8
16	6.50	6.50	• 5.75	5.75	5.85	169.14	....	7	10
17	....	....	....	....	....	...	10	....	....

SEPTEMBER 1983 135.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
17	0.05	# 0.05	• 0.05	0.05	0.05	171.45	....	1	1
20	....	....	....	0.05N	0.05	170.70	....	....	1
21	....	....	....	0.05N	0.05	172.65	....	....	1
22	....	....	....	0.05N	0.05	171.75	....	....	1
23	0.05	0.05	0.05	0.05	0.05	172.00	....	....	1
24	....	....	....	0.05N	0.05	171.20	....	1	2
27	....	....	....	0.05N	0.05	169.55	....	....	2
28	0.05	0.05	0.05	0.05	0.05	167.45	....	3	5
29	....	....	....	0.05N	0.05	168.90	....	....	5
30	....	....	....	0.05N	0.05	170.15	....	....	5
				IN JULY					
1	....	....	....	0.05N	0.05	170.25	....	....	5
4	Exchange Closed, Independence Day								
5	....	....	....	0.05N	0.05	167.55	....	....	5
6	....	....	....	0.05N	0.05	169.80	....	....	5
7	....	....	....	0.05N	0.05	168.05	....	....	5
8	....	....	....	0.05N	0.05	168.30	....	....	5
11	....	....	....	0.05N	0.05	168.90	....	....	5
12	....	....	....	0.05N	0.05	166.20	....	....	5
13	....	....	....	0.05N	0.05	166.80	....	....	5
14	....	....	....	0.05N	0.05	167.10	....	....	5
15	....	....	....	0.05N	0.05	166.15	....	....	5
18	....	....	....	0.05N	0.05	165.45	....	....	5
19	....	....	....	0.05N	0.05	166.35	....	....	5
20	....	....	....	0.05N	0.05	170.35	....	....	5
21	....	....	....	0.05N	0.05	171.00	....	....	5
22	....	....	....	0.05N	0.05	170.05	....	....	5
25	....	....	....	0.05N	0.05	171.15	....	....	5
26	....	....	....	0.05N	0.05	171.40	....	....	5
27	....	....	....	0.05N	0.05	168.50	....	....	5
28	....	....	....	0.05N	0.05	165.65	....	....	5
29	....	....	....	0.05N	0.05	163.70	....	....	5

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 135.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.05N	0.05	163.10	....	....	5
2	....	....	....	0.05N	0.05	163.05	....	....	5
3	....	....	....	0.05N	0.05	164.35	....	....	5
4	....	....	....	0.05N	0.05	161.45	....	....	5
5	....	....	....	0.05N	0.05	162.75	....	....	5
8	....	....	....	0.05N	0.05	160.55	....	....	5
9	....	....	....	0.05N	0.05	161.45	....	....	5
10	....	....	....	0.05N	0.05	162.60	....	....	5
11	....	....	....	0.05N	0.05	162.60	....	....	5
12	....	....	....	0.05N	0.05	163.40	....	....	5
15	....	....	....	0.05N	0.05	164.40	....	....	5
16	....	....	....	0.05N	0.05	164.15	....	....	5
17	....	....	....	0.05N	0.05	165.65	....	....	5
18	....	....	....	0.05N	0.05	163.65	....	....	5
19	....	....	....	0.05N	0.05	164.85	....	....	5
22	....	....	....	0.05N	0.05	164.35	....	....	5
23	....	....	....	0.05N	0.05	163.00	....	....	5
24	....	....	....	0.05N	0.05	161.35	....	....	5
25	....	....	....	0.05N	0.05	161.55	....	....	5
26	....	....	....	0.05N	0.05	162.60	....	....	5
29	....	....	....	0.05N	0.05	163.20	....	....	5
30	....	....	....	0.05N	0.05	163.15	....	....	5
31	....	....	....	0.05N	0.05	164.95	....	....	5

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.05N	0.05	164.75	....	....	5
2	....	....	....	0.05N	0.05	165.35	....	....	5
5	Exchange Closed, Labor Day								
6	....	....	....	0.05N	0.05	168.35	....	....	5
7	....	....	....	0.05N	0.05	168.65	....	....	5
8	....	....	....	0.05N	0.05	168.15	....	....	5
9	....	....	....	0.05N	0.05	167.05	....	....	5
12	....	....	....	0.05N	0.05	165.15	....	....	5
13	....	....	....	0.05N	0.002	165.15	....	....	5
14	....	....	....	0.002N	0.002	165.50	....	....	5
15	....	....	....	0.002N	0.002	164.38	....	....	....

SEPTEMBER 1983 140.00 PUTS
IN FEBRUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
9	6.25	# 6.30B	* 6.25	6.30B	6.30	147.90	....	1	1
10	....	....	* 5.90A	5.90A	5.90	152.00	....	....	1
11	....	....	* 5.50A	5.60A	5.60	150.50	....	....	1
14	....	....	5.50A	5.50A	5.50	153.00	....	....	1
15	....	....	* 4.25A	4.25A	4.25	151.30	....	....	1
16	....	....	* 4.20A	4.25N	4.25	150.10	....	....	1
17	4.50	4.50	4.45A	4.45A	4.45	151.00	....	2	3
18	....	....	4.25A	4.25A	4.25	151.30	....	....	3
21	Exchange Closed, President's Day								
22	....	4.55B	4.20A	4.55B	4.55	148.80	....	....	3
23	....	....	* 4.00A	4.00A	4.00	150.80	....	....	3
24	....	....	* 3.50A	3.50A	3.50	154.10	....	....	3
25	....	....	* 3.40A	3.40A	3.40	153.30	....	....	3
28	....	4.00B	....	4.00B	4.00	151.40	....	....	3

IN MARCH

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	3.00	4.50B	* 2.95	3.10	3.10	154.90	....	7	9
2	....	....	3.00A	3.10N	3.10	155.10	....	....	9
3	....	....	....	3.10N	3.10	155.80	....	....	7
4	....	3.20B	* 2.80A	2.80A	2.80	156.10	....	....	7
7	....	3.00B	....	2.85B	2.85	155.95	....	....	7
8	....	4.15B	....	4.15B	4.15	153.30	....	....	7
9	....	4.20B	3.00A	3.00A	3.00	154.80	....	....	7
10	....	4.30B	....	4.30B	4.30	152.60	....	....	7
11	....	4.35B	4.20A	4.30N	4.30	152.70	....	...	7
14	....	....	4.20A	4.20A	4.20	153.10	....	....	7
15	....	....	4.10A	4.10A	4.10	153.30	...	....	7
16	....	5.30B	3.50A	5.30B	5.30	150.10	....	....	7
17	....	....	4.00A	4.00A	4.00	150.10	....	....	7
18	....	....	3.65A	3.65A	3.65	151.15	....	....	7
21	....	3.70B	3.50A	3.50A	3.50	155.10	....	....	7
22	....	3.55B	3.40A	3.40A	3.40	151.90	....	....	7
23	....	....	2.80A	2.80A	2.80	155.65	....	....	7
24	....	....	* 2.75A	2.75A	2.75	155.90	....	....	7
25	2.75	3.35B	* 2.70A	3.35B	3.35	154.10	....	1	7
28	....	....	2.70A	2.70A	2.70	154.15	....	....	7
29	....	....	* 2.65A	2.65A	2.65	153.35	....	....	7
30	....	....	* 2.20A	2.20A	2.20	155.55	....	....	7
31	....	....	* 1.95A	2.20N	2.20	152.85	....	....	7

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 140.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	2.15A	2.15A	2.15	154.10	....	....	7
5....	....	3.20B	2.00A	3.20B	3.20	152.60	....	....	7
6....	....	....	3.00A	3.00A	3.00	152.20	....	....	7
7....	3.30	3.30	3.00A	3.00A	3.00	152.65	....	1	7
8....	....	....	2.95A	2.95A	2.95	152.70	....	....	7
11....	2.00	2.00	* 1.55	1.55	1.55	156.00	....	15	22
12....	1.50	1.50	* 1.50	1.50	1.50	156.55	....	5	23
13....	....	....	* 1.45A	1.50N	1.50	157.30	....	....	18
14....	1.50	1.55B	1.45A	1.45A	1.45	159.40	....	12	28
15....	....	1.50B	....	1.50B	1.50	159.15	....	....	28
18....	....	....	* 1.40A	1.40A	1.40	160.05	....	....	28
19....	....	....	* 1.35A	1.35A	1.35	158.90	....	....	28
20....	1.40	1.40	* 1.30A	1.40	1.40	161.20	....	5	33
21....	....	....	1.35A	1.35A	1.35	160.70	....	....	33
22....	....	1.40B	....	1.40B	1.40	160.65	....	....	33
25....	1.75	1.75	1.35A	1.75	1.75	159.00	....	1	34
26....	1.75	1.75	1.40A	1.40A	1.40	163.10	....	6	40
27....	....	....	1.30A	1.30A	1.30	162.75	....	5	40
28....	1.30	1.30	* 0.75A	0.75A	0.75	164.15	....	1	41
29....	0.75	0.75	* 0.60	0.60	0.60	165.25	....	1	42
				IN MAY					
2....	....	0.70B	....	0.70B	0.70	164.05	....	....	42
3....	....	....	....	0.70N	0.70	164.35	....	....	42
4....	....	....	0.65A	0.65A	0.65	165.35	....	....	42
5....	....	0.70B	0.60A	0.60A	0.60	165.95	....	....	42
6....	....	...	* 0.55A	0.55A	0.55	168.60	....	....	42
9....	....	....	....	0.55N	0.55	168.35	....	....	42
10....	....	....	* 0.50A	0.50A	0.50	168.30	....	....	42
11....	....	....	* 0.45A	0.45A	0.45	167.10	....	....	42
12....	0.40	0.40	* 0.40	0.40	0.40	166.25	....	1	43
13....	0.40	0.40	0.40	0.40	0.40	167.05	....	1	44
16....	0.45	0.45	0.45	0.45	0.45	165.45	....	5	43
17....	....	....	....	0.45N	0.45	165.70	....	....	43
18....	....	....	....	0.45N	0.45	164.15	....	....	43
19....	....	....	....	0.45N	0.45	163.25	....	....	43
20....	....	....	0.40A	0.40A	0.40	163.15	....	....	43
23....	0.45	0.45	0.45	0.45	0.45	166.15	....	1	44
24....	0.35	0.35	* 0.35	0.35	0.35	167.45	....	1	44
25....	....	....	* 0.30A	0.30A	0.30	168.15	....	....	44
26....	....	....	....	0.30N	0.30	167.25	....	....	44
27....	0.30	0.30	* 0.30	0.30	0.30	166.80	....	2	46
30....	Exchange Closed, Memorial Day								
31....	....	....	....	0.30N	0.30	163.30	....	....	46
				IN JUNE					
1....	....	....	....	0.30N	0.30	163.95	....	....	46
2....	....	0.35B	....	0.30N	0.30	165.55	....	....	46
3....	....	....	....	0.30N	0.30	165.75	....	....	46
6....	....	....	....	0.30N	0.30	166.65	....	....	46
7....	....	0.35B	....	0.30N	0.30	162.70	....	....	46
8....	0.30	0.30	0.30	0.30	0.30	161.50	....	....	46
9....	0.30	0.30	0.30	0.30	0.30	162.65	....	2	48
10....	....	....	....	0.30N	0.30	163.30	....	....	48
13....	....	....	....	0.30N	0.30	166.40	....	2	50
14....	0.25	0.25	* 0.25	0.25	0.25	166.25	....	....	50
15....	0.25	0.25	0.25	0.25	0.25	169.25	....	11	61
16....	0.15	0.15	* 0.10A	0.10A	0.10	171.15	....	2	63
17....	....	....	....	0.10N	0.10	171.45	....	....	63
20....	....	....	....	0.10N	0.10	170.70	....	....	63
21....	0.10	0.10	* 0.10	0.10	0.10	172.65	....	2	63
22....	....	....	....	0.10N	0.10	171.75	....	....	63
23....	....	....	....	0.10N	0.10	172.00	....	....	63
24....	....	....	....	0.10N	0.10	171.20	....	....	63
27....	....	....	....	0.10N	0.10	169.55	....	....	63
28....	....	....	....	0.10N	0.10	167.45	....	....	63
29....	0.10	0.10	0.10	0.10	0.10	168.90	....	6	69
30....	....	....	....	0.10N	0.10	170.15	....	....	69

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 140.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.10N	0.10	170.25	....	....	69
4	Exchange Closed, Independence Day								
5	....	....	....	0.10N	0.10	167.55	....	....	69
6	....	....	....	0.10N	0.10	169.80	....	....	69
7	0.10	0.10	0.10	0.10	0.10	168.05	....	12	77
8	0.15	0.15	0.15	0.15	0.15	168.30	....	1	78
11	....	....	0.10A	0.10A	0.10	168.90	....	....	78
12	....	....	....	0.10N	0.10	166.20	....	....	78
13	....	....	....	0.10N	0.10	166.80	....	....	78
14	....	....	....	0.10N	0.10	167.10	....	....	78
15	....	....	....	0.10N	0.10	165.15	....	....	78
18	....	....	....	0.10N	0.10	165.45	....	....	78
19	....	....	....	0.10N	0.10	166.35	....	....	78
20	....	....	....	0.10N	0.10	170.35	....	....	78
21	....	....	....	0.10N	0.10	171.00	....	....	78
22	....	....	0.05A	0.05A	0.05	170.05	....	....	78
25	....	....	....	0.05N	0.05	171.15	....	....	78
26	....	....	....	0.05N	0.05	171.40	....	....	78
27	....	....	....	0.05N	0.05	168.50	....	....	78
28	....	....	....	0.05N	0.05	165.65	....	....	78
29	....	....	....	0.05N	0.05	163.70	....	....	78
				IN AUGUST					
1	....	....	....	0.05N	0.05	163.10	....	....	78
2	....	....	....	0.05N	0.05	163.05	....	....	78
3	....	....	....	0.05N	0.05	164.35	....	....	78
4	....	....	....	0.05N	0.05	161.45	....	....	78
5	....	....	....	0.05N	0.05	162.75	....	....	78
8	....	....	....	0.05N	0.05	160.55	....	....	78
9	....	....	....	0.05N	0.05	161.45	....	....	78
10	....	....	....	0.05N	0.05	162.60	....	....	78
11	....	....	....	0.05N	0.05	162.60	....	....	78
12	....	....	....	0.05N	0.05	163.40	....	....	78
15	....	....	....	0.05N	0.05	164.40	....	....	78
16	....	....	....	0.05N	0.05	164.15	....	....	78
17	....	....	....	0.05N	0.05	165.65	....	....	78
18	....	....	....	0.05N	0.05	163.65	....	....	78
19	....	....	....	0.05N	0.05	164.85	....	....	78
22	....	....	....	0.05N	0.05	164.35	....	....	78
23	....	....	....	0.05N	0.05	163.00	....	....	78
24	....	....	....	0.05N	0.05	161.35	....	....	78
25	....	....	....	0.05N	0.05	161.55	....	....	78
26	....	....	....	0.05N	0.05	162.60	....	....	78
29	....	....	....	0.05N	0.05	163.20	....	....	78
30	....	....	....	0.05N	0.05	163.15	....	....	78
31	....	....	....	0.05N	0.05	164.95	....	....	78
				IN SEPTEMBER					
1	....	....	....	0.05N	0.05	164.75	....	....	78
2	....	....	....	0.05N	0.05	165.35	....	....	78
5	Exchange Closed, Labor Day								
6	....	....	....	0.05N	0.05	168.35	....	....	78
7	....	....	....	0.05N	0.05	168.65	....	....	78
8	....	....	....	0.05N	0.05	168.15	....	....	78
9	....	....	....	0.05N	0.05	167.05	....	....	78
12	....	....	....	0.05N	0.05	165.15	....	....	78
13	....	....	....	0.05N	0.002	165.15	....	....	78
14	....	....	....	0.002N	0.002	165.50	....	....	78
15	....	....	....	0.002N	0.002	164.38	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 145.00 PUTS
IN JANUARY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
31....	8.90	# 8.90	* 8.90	8.90	8.90	148.60	....	1	1
IN FEBRUARY									
1....	....	....	* 8.30A	8.90N	8.90	144.60	....	....	1
2....	....	# 9.00B	....	8.90N	8.90	145.60	....	....	1
3....	....	....	* 8.00A	8.90N	8.90	146.40	....	....	1
4....	....	9.00B	8.50A	8.50A	8.50	149.95	....	....	1
7....	....	....	8.45A	8.45A	8.45	150.50	....	....	1
8....	....	....	8.20A	8.45N	8.45	147.95	....	....	1
9....	....	# 9.10B	8.00A	8.00A	8.00	147.90	....	....	1
10....	....	....	* 7.85A	7.85A	7.85	152.00	....	....	1
11....	....	....	* 7.00A	7.40A	7.40	150.50	....	....	1
14....	....	....	7.30A	7.30A	7.30	153.00	....	....	1
15....	....	....	* 5.25A	5.25A	5.25	151.30	....	....	1
16....	....	....	* 5.20A	5.20A	5.20	150.10	....	....	1
17....	....	5.50B	....	5.20N	5.20	151.00	....	....	1
18....	6.50	6.50	6.50	6.50	6.50	151.30	....	1	2
21....	Exchange Closed, President's Day								
22....	....	6.65B	6.30A	6.65B	6.65	148.80	....	....	2
23....	....	....	5.50A	5.50A	5.50	150.80	....	....	2
24....	....	....	* 5.00A	5.00A	5.00	154.10	....	....	2
25....	....	....	* 4.90A	4.90A	4.90	153.30	....	....	2
28....	....	5.50B	....	5.50B	5.50	151.40	....	....	2
IN MARCH									
1....	....	6.00B	* 4.80A	4.80A	4.80	154.90	....	....	2
2....	....	....	* 4.60A	4.80N	4.80	155.10	....	....	2
3....	....	....	* 4.40A	4.40A	4.40	155.80	....	....	2
4....	....	4.60B	* 4.20A	4.20A	4.20	156.10	....	....	2
7....	....	4.25B	....	4.25B	4.25	155.95	....	....	2
8....	....	5.75B	....	5.75B	5.75	153.30	....	....	2
9....	....	6.00B	4.50A	4.50A	4.50	154.80	....	....	2
10....	....	5.50B	4.40A	5.50B	5.50	152.60	....	....	2
11....	....	5.55B	....	5.50N	5.50	152.70	....	....	2
14....	....	....	5.40A	5.40A	5.40	153.10	....	....	2
15....	....	....	5.30A	5.30A	5.30	153.30	....	....	2
16....	5.40	6.50B	4.50	6.50B	6.50	150.10	....	3	4
17....	....	....	5.75A	5.75A	5.75	150.10	....	....	4
18....	....	....	5.40A	5.40A	5.40	151.15	....	....	4
21....	....	5.45B	4.95A	4.95A	4.95	153.10	....	....	4
22....	....	5.65B	4.90A	5.65B	5.65	151.90	....	....	4
23....	....	....	4.25A	4.25A	4.25	155.65	....	....	4
24....	3.90@4.00	4.00	* 3.90	4.00	4.00	155.90	....	2	6
25....	....	4.65B	3.95A	4.65B	4.65	154.10	....	....	6
28....	....	....	3.90A	3.90A	3.90	154.15	....	....	6
29....	....	3.95B	* 3.85A	3.95B	3.95	153.35	....	....	6
30....	3.60	3.60	* 3.60	3.60	3.60	155.55	....	....	6
31....	....	4.00B	* 3.35A	4.00B	4.00	152.85	....	1	6
IN APRIL									
1....	Exchange Closed, Good Friday								
4....	....	....	3.95A	3.95A	3.95	154.10	....	....	6
5....	3.20	4.65B	* 3.20	4.65B	4.65	152.60	....	4	10
6....	4.50	4.50	4.50	4.50	4.50	152.20	....	1	10
7....	....	....	4.10A	4.10A	4.10	152.65	....	....	10
8....	4.50	4.50	4.05A	4.10A	4.10	152.70	....	1	10
11....	3.50	3.50	* 3.00A	3.00A	3.00	156.00	....	1	10
12....	....	....	* 2.95A	3.00N	3.00	156.55	....	....	10
13....	2.95	2.95	* 2.90	2.90	2.90	157.30	....	3	10
14....	2.85	2.85	* 2.50A	2.50A	2.50	159.40	....	3	13
15....	....	....	* 2.25A	2.25A	2.25	159.15	....	....	13
18....	2.20	2.35	* 2.05	2.05	2.05	160.05	....	3	14
19....	....	2.10B	....	2.10B	2.10	158.90	....	2	16
20....	....	....	* 2.00A	2.00A	2.00	161.20	....	....	16
21....	....	2.05B	....	2.05B	2.05	160.70	....	....	16
22....	....	2.10B	....	2.10B	2.10	160.65	....	....	16
25....	1.75	2.00	* 1.75	2.00	2.00	159.00	....	2	18
26....	....	2.20B	1.90A	1.90A	1.90	163.10	....	....	18
27....	1.75	1.75	1.75	1.75	1.75	162.75	....	1	19
28....	....	....	* 1.70A	1.70A	1.70	164.15	....	....	19
29....	1.65	1.65	* 1.10A	1.10A	1.10	165.25	....	1	20

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 145.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2	....	1.20B	....	1.20B	1.20	164.05	....	....	20
3	1.30	1.30	1.30	1.30	1.30	164.35	....	1	20
4	1.40	1.40	1.25A	1.40	1.40	165.35	....	1	20
5	1.35	1.45B	1.30A	1.30A	1.30	165.95	....	2	22
6	...	....	1.10A	1.10A	1.10	168.60	....	....	22
9	....	1.15B	....	1.15B	1.15	168.35	....	....	22
10	....	1.20B	....	1.15N	1.20	168.30	....	....	22
11	....	1.25B	....	1.20N	1.20	167.10	....	....	22
12	....	....	....	1.20N	1.20	166.25	....	....	22
13	....	1.25B	....	1.20N	1.20	167.05	....	....	22
16	....	1.25B	....	1.25B	1.25	165.45	....	....	22
17	....	....	* 0.90A	0.90A	0.90	165.70	....	....	22
18	0.90	0.90	* 0.90	0.90	0.90	164.15	....	1	23
19	....	....	* 0.85A	0.85A	0.85	163.25	....	....	23
20	....	....	* 0.80A	0.80A	0.80	163.15	....	....	23
23	1.20	1.20	0.90A	0.90A	0.90	165.15	....	2	25
24	....	....	0.80A	0.80A	0.80	167.45	....	....	25
25	....	....	* 0.50A	0.50A	0.50	168.15	....	....	25
26	....	....	....	0.50N	0.50	167.25	....	....	25
27	0.50	0.50	* 0.50	0.50	0.50	166.80	....	....	25
30	Exchange Closed, Memorial Day								
31	....	0.55B	....	0.50N	0.50	163.30	....	10	35
				IN JUNE					
1	....	0.60B	....	0.55B	0.55	163.95	....	....	35
2	0.50	0.50	0.50	0.50	0.50	165.55	....	5	37
3	0.50	0.50	0.50	0.50	0.50	165.75	....	6	41
6	....	....	....	0.50N	0.50	166.65	....	....	41
7	0.45	0.45	* 0.45	0.45	0.45	162.70	....	1	42
8	0.50	0.50	0.50	0.50	0.50	161.50	....	2	43
9	0.60	0.60	0.60	0.60	0.60	162.65	....	1	44
10	0.55	0.55	0.55	0.55	0.55	153.30	....	....	44
13	0.45	0.45	0.45	0.45	0.45	166.40	....	2	46
14	0.50	0.50	0.50	0.50	0.50	166.25	....	5	51
15	0.35	0.35	* 0.35	0.35	0.35	169.25	....	2	52
16	0.25	0.25	* 0.15A	0.15A	0.15	171.15	....	....	52
17	....	....	....	0.15N	0.15	171.45	....	....	52
20	0.20	0.20	0.20	0.20	0.20	170.70	....	3	53
21	0.20	0.20	0.20	0.20	0.20	172.65	....	2	54
22	....	....	....	0.20N	0.20	171.75	....	....	53
23	0.20	0.20	0.20	0.20	0.20	172.00	....	10	62
24	....	....	....	0.20N	0.20	171.20	....	2	62
27	....	....	....	0.20N	0.20	169.55	....	....	62
28	....	....	....	0.20N	0.20	167.45	....	....	62
29	0.20	0.20	0.20	0.20	0.20	168.90	....	5	67
30	0.20	0.20	0.20	0.20	0.20	170.15	....	6	68
				IN JULY					
1	....	....	....	0.20N	0.20	170.25	....	....	68
4	Exchange Closed, Independence Day								
5	....	....	....	0.20N	0.20	167.55	....	....	68
6	....	....	....	0.20N	0.20	169.80	....	....	68
7	0.30	0.30	0.25A	0.25A	0.25	168.05	....	2	68
8	0.25	0.25	0.25	0.25	0.25	168.30	....	5	73
11	0.20	0.20	0.20	0.20	0.20	168.90	....	7	80
12	0.20	0.20	0.20	0.20	0.20	166.20	....	....	80
13	0.15	0.15	* 0.15	0.15	0.15	166.80	....	27	100
14	0.15	0.15	0.15	0.15	0.15	167.10	....	10	103
15	0.20	0.20	0.20	0.20	0.20	165.15	....	1	98
18	0.20	0.20	0.20	0.20	0.20	165.45	....	....	98
19	....	....	....	0.20N	0.20	166.35	....	1	99
20	0.10	0.10	* 0.10	0.10	0.10	170.35	....	1	100
21	....	....	....	0.10N	0.10	171.00	....	....	100
22	....	....	....	0.10N	0.10	170.05	....	....	100
25	....	....	....	0.10N	0.10	171.15	....	....	100
26	....	....	....	0.10N	0.10	171.40	....	....	100
27	....	....	....	0.10N	0.10	168.50	....	....	100
28	....	....	....	0.10N	0.10	165.65	....	....	100
29	0.10	0.10	0.10	0.10	0.10	163.70	....	5	100

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 145.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.15	0.15	0.15	0.15	0.15	163.10	....	1	96
2....	0.20	0.20	0.20	0.20	0.20	163.05	....	....	96
3....	....	....	....	0.20N	0.20	164.35	....	15	111
4....	....	....	....	0.20N	0.20	161.45	....	....	111
5....	0.15	0.15	0.15	0.15	0.15	162.75	....	1	111
8....	....	....	....	0.15N	0.15	160.55	....	....	111
9....	....	0.20B	....	0.20B	0.20	161.45	....	....	111
10....	....	....	....	0.20N	0.20	162.60	....	....	111
11....	0.15	0.15	0.15	0.15	0.15	162.60	....	10	121
12....	....	....	....	0.15N	0.15	163.40	....	....	121
15....	0.10	0.10	0.10	0.10	0.10	164.40	....	22	138
16....	0.10	0.10	* 0.05	0.05	0.05	164.15	....	5	137
17....	0.05	0.05	0.05	0.05	0.05	165.65	....	10	137
18....	....	....	....	0.05N	0.05	163.65	....	....	137
19....	0.05	0.05	0.05	0.05	0.05	164.85	....	4	141
22....	....	....	....	0.05N	0.05	164.35	....	....	141
23....	....	....	....	0.05N	0.05	163.00	....	....	141
24....	....	....	....	0.05N	0.05	161.35	....	....	141
25....	....	....	....	0.05N	0.05	161.55	....	....	141
26....	....	....	....	0.05N	0.05	162.60	....	....	141
29....	0.05	0.05	0.05	0.05	0.05	163.20	....	....	141
30....	....	....	....	0.05N	0.05	163.15	....	2	141
31....	....	....	....	0.05N	0.05	164.95	....	....	141

IN SEPTEMBER

1....	....	....	....	0.05N	0.05	164.75	....	....	141
2....	....	....	....	0.05N	0.05	165.35	....	....	141
5....	Exchange Closed, Labor Day								
6....	....	....	....	0.05N	0.05	168.35	....	....	141
7....	....	....	....	0.05N	0.05	168.65	....	....	141
8....	....	....	....	0.05N	0.05	168.15	....	....	141
9....	....	....	....	0.05N	0.05	167.05	....	....	141
12....	....	....	....	0.05N	0.05	165.15	....	....	141
13....	....	....	....	0.05N	0.002	165.15	....	....	141
14....	....	....	....	0.002N	0.002	165.50	....	....	141
15....	....	....	....	0.002N	0.002	164.38	....	....	....

SEPTEMBER 1983 150.00 PUTS
IN MARCH 1983

23....	6.90	# 6.90	* 5.80A	5.80A	5.80	155.65	....	2	2
24....	....	....	* 5.60A	5.60A	5.60	155.90	....	....	2
25....	5.50	5.50	* 5.40A	5.50	5.50	154.10	....	1	3
28....	....	....	....	5.50N	5.50	154.15	....	....	3
29....	5.40	5.40	* 5.40	5.40	5.40	153.35	....	2	3
30....	5.40	5.40	* 5.20	5.20	5.20	155.55	....	2	5
31....	....	5.60B	* 4.95A	5.60B	5.60	152.85	....	....	5

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 150.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	5.55A	5.60N	5.60	154.10	....	....	5
5....	6.00	# 7.00B	5.20A	7.00B	7.00	152.60	....	....	4
6....	6.40	6.40	6.40	6.40	6.40	152.20	....	2	5
7....	6.05	6.40B	6.05	6.10A	6.10	152.65	....	4	4
8....	....	....	6.05A	6.10N	6.10	152.70	....	....	4
11....	....	....	5.00A	5.00A	5.00	156.00	....	....	4
12....	4.95	4.95	* 4.95	4.95	4.95	156.55	....	2	4
13....	4.50	4.50	* 4.25A	4.25A	4.25	157.30	....	1	3
14....	....	....	* 3.75A	3.90A	3.90	159.40	....	....	3
15....	....	3.95B	3.75A	3.75A	3.75	159.15	....	....	3
18....	....	....	* 3.60A	3.60A	3.60	160.05	....	....	3
19....	....	3.75B	* 3.55A	3.75B	3.75	158.90	....	....	3
20....	3.40	3.40	* 3.40	3.40	3.40	161.20	....	5	8
21....	....	....	* 3.30A	3.40N	3.40	160.70	....	....	8
22....	3.40	3.45B	* 3.20A	3.30	3.30	160.65	....	1	9
25....	3.05	3.05	* 2.70	3.00B	3.00	159.00	....	5	14
26....	3.60	3.60	2.70A	2.70A	2.70	163.10	....	....	14
27....	2.20@.30	2.40B	* 2.20	2.40B	2.40	162.75	....	4	15
28....	2.50	2.50	2.30A	2.50	2.50	164.15	....	1	15
29....	2.00	2.00	* 2.00	2.00	2.00	165.25	....	....	15

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
2....	....	2.20B	....	2.20B	2.20	164.05	....	1	16
3....	2.80	2.80	2.00	2.00	2.00	164.35	....	5	18
4....	1.80	1.80	* 1.80	1.80	1.80	165.35	....	2	20
5....	2.00	2.00	* 1.75A	1.75A	1.75	165.95	....	2	22
6....	1.70	1.70	* 1.50A	1.50A	1.50	168.60	....	5	27
9....	....	1.60B	....	1.60B	1.60	168.35	....	....	23
10....	1.70	1.70	1.65A	1.70	1.70	168.30	....	4	27
11....	....	1.75B	....	1.70N	1.70	167.10	....	....	27
12....	1.65	1.65	1.65	1.65	1.65	166.25	....	2	29
13....	....	1.70B	....	1.65N	1.65	167.05	....	....	29
16....	....	1.75B	....	1.65N	1.65	135.45	....	....	29
17....	1.10	1.10	* 1.10	1.10	1.10	165.70	....	4	30
18....	1.00	1.15B	* 1.00	1.05B	1.05	164.15	....	1	31
19....	....	1.25B	....	1.25B	1.25	163.25	....	....	31
20....	1.40	1.70	1.20A	1.70	1.70	163.15	....	2	31
23....	1.90	1.90	1.25A	1.25A	1.25	165.15	....	5	35
24....	0.95	0.95	* 0.95	0.95	0.95	167.45	....	1	36
25....	....	....	....	0.95N	0.95	168.15	....	....	37
26....	....	....	....	0.95N	0.95	167.25	....	....	35
27....	0.90	0.90	* 0.90	0.90	0.90	166.80	....	....	35
30....	Exchange Closed, Memorial Day								
31....	1.00	1.00	0.95A	1.00	1.00	163.30	....	3	36

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	1.05B	....	1.05B	1.05	163.95	....	....	36
2....	1.05	1.05	0.90	0.90	0.90	165.55	....	6	37
3....	0.90	0.90	0.90	0.90	0.90	165.75	....	2	38
6....	1.00	1.00	* 0.75	0.75	0.75	166.65	....	5	39
7....	0.70@.75	0.75	* 0.70	0.75	0.75	162.70	....	10	49
8....	1.00	1.10	1.00	1.10	1.10	161.50	....	4	51
9....	1.10@.05	1.10	1.05	1.05	1.05	162.65	....	9	51
10....	....	....	....	1.05N	1.05	163.30	....	....	51
13....	0.95	0.95	0.80	0.80	0.80	166.40	....	1	51
14....	0.70	0.70	* 0.60	0.60	0.60	166.25	....	1	51
15....	0.50	0.70B	* 0.40A	0.40A	0.40	169.25	....	3	52
16....	0.35	0.40	* 0.30	0.30	0.30	171.15	....	17	64
17....	0.40	0.40	0.30	0.40	0.40	171.45	....	6	66
20....	0.40	0.50	0.40	0.50	0.50	170.70	....	26	92
21....	0.60	0.60	0.40	0.40	0.40	172.65	....	20	103
22....	0.40	0.40	0.40	0.40	0.40	171.75	....	4	107
23....	0.45	0.45	0.40A	0.45	0.45	172.00	....	8	115
24....	....	....	....	0.45N	0.45	171.20	....	....	110
27....	....	0.50B	....	0.45N	0.50	169.55	....	....	110
28....	....	0.60B	....	0.60B	0.60	167.45	....	....	110
29....	0.60	0.60	0.60	0.60	0.60	168.90	....	2	112
30....	0.55	0.55	0.45A	0.45A	0.45	170.15	....	1	113

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 150.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	0.50	0.50	0.50	0.50	0.50	170.25	....	1	114
4	Exchange Closed, Independence Day								
5	0.60	0.60	0.55	0.55	0.55	167.55	....	11	116
6	0.55	0.55	0.50	0.50	0.50	169.80	....	3	118
7	0.40	0.50	0.40	0.50	0.50	168.05	....	8	117
8	....	....	....	0.50N	0.50	168.30	....	....	117
11	0.40	0.40	0.40	0.40	0.40	168.90	....	8	117
12	0.40	0.45	0.40	0.45	0.45	166.20	....	1	117
13	0.45	0.50	0.45	0.45A	0.45	166.80	....	14	117
14	....	....	....	0.45N	0.45	167.10	....	....	117
15	....	....	....	0.45N	0.45	165.15	....	....	117
18	....	....	....	0.45N	0.45	165.45	....	....	117
19	0.50	0.50	0.45A	0.45A	0.45	166.35	....	3	118
20	0.35	0.35	0.35	0.35	0.35	170.35	....	1	118
21	0.40	0.40	* 0.25	0.25	0.25	171.00	....	14	127
22	0.25	0.25	0.25	0.25	0.25	170.05	....	9	127
25	0.20	0.20	* 0.20	0.20	0.20	171.15	....	5	125
26	....	....	....	0.20N	0.20	171.40	....	....	125
27	....	....	....	0.20N	0.20	168.50	....	....	125
28	0.20	0.25	0.20	0.25	0.25	165.65	....	12	127
29	0.35	0.50	0.35	0.40	0.40	163.70	....	16	131
				IN AUGUST					
1	0.40	0.45B	0.40	0.40	0.40	163.10	....	1	130
2	0.40	0.55	0.40	0.50A	0.50	163.05	....	13	138
3	0.50	0.50	0.40A	0.45	0.40	164.35	....	2	138
4	0.45	0.50	0.45	0.50	0.50	161.45	....	11	142
5	0.50	0.55	0.50	0.55	0.55	162.75	....	2	144
8	0.50	0.60	0.50	0.60	0.60	160.55	....	97	233
9	0.60	0.60	0.60	0.60	0.60	161.45	....	13	243
10	0.65	0.65	0.40	0.40	0.40	162.60	....	16	251
11	....	....	0.35A	0.35A	0.35	162.60	....	2	253
12	....	....	....	0.35N	0.35	163.40	....	....	251
15	0.20	0.25	0.20	0.20	0.20	164.40	....	8	258
16	0.20	0.20	0.20	0.20	0.20	164.15	....	5	253
17	0.15	0.15	* 0.15	0.15	0.15	165.65	....	14	263
18	0.10	0.10	* 0.10	0.10	0.10	163.65	....	2	265
19	0.10	0.15	0.10	0.15	0.15	164.85	....	22	287
22	....	....	0.10A	0.10A	0.10	164.35	....	...	287
23	....	....	....	0.10N	0.10	163.00	....	....	287
24	....	....	....	0.10N	0.10	161.35	....	....	287
25	0.10	0.10	0.10	0.10	0.10	161.55	....	5	292
26	....	....	....	0.10N	0.10	162.60	....	....	292
29	0.10	0.10	* 0.05A	0.05A	0.05	163.20	....	4	296
30	....	....	....	0.05N	0.05	163.15	....	....	296
31	....	....	....	0.05N	0.05	164.95	....	....	296
				IN SEPTEMBER					
1	....	....	....	0.05N	0.05	164.75	....	....	296
2	....	....	....	0.05N	0.05	165.35	....	....	296
5	Exchange Closed, Labor Day								
6	....	....	....	0.05N	0.05	168.35	....	....	296
7	....	....	....	0.05N	0.05	168.65	....	....	296
8	....	....	....	0.05N	0.05	168.15	....	....	296
9	....	....	....	0.05N	0.05	167.05	....	....	296
12	....	....	....	0.05N	0.05	165.15	....	....	296
13	....	....	....	0.05N	0.002	165.15	....	....	296
14	....	....	....	0.002N	0.002	165.50	....	....	296
15	....	....	....	0.002N	0.002	164.38	....	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 155.00 PUTS
IN MARCH 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
9....	9.40	# 9.40	* 8.40A	8.40A	8.40	154.80	....	1	1
10....	....	# 9.80B	....	9.80B	9.80	152.60	....	....	1
11....	....	# 9.90B	....	9.80N	9.80	152.70	....	....	1
14....	....	....	9.70A	9.70A	9.70	153.10	....	....	1
15....	....	....	9.60A	9.60A	9.60	153.30	....	....	1
16....	....	#11.65B	....	11.65B	11.65	150.10	....	....	1
17....	....	....	11.60A	11.60A	11.60	150.10	....	....	1
18....	....	....	10.00A	10.00A	10.00	151.15	....	....	1
21....	....	10.05B	9.50A	9.50A	9.50	153.10	....	....	1
22....	....	10.30B	....	10.30B	10.30	151.90	....	....	1
23....	9.00	9.00	* 8.00A	8.00A	8.00	155.65	....	1	1
24....	....	....	* 7.80A	7.80A	7.80	155.90	....	....	1
25....	....	8.40B	....	8.40B	8.40	154.10	....	....	1
28....	7.70	8.20	* 7.70	8.20	8.20	154.15	....	2	3
29....	....	....	8.15A	8.15A	8.15	153.35	....	....	3
30....	....	....	8.00A	8.00A	8.00	155.55	....	....	3
31....	....	9.00B	* 6.95A	9.00B	9.00	152.85	....	....	3

IN APRIL

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	Exchange Closed, Good Friday								
4....	....	....	8.00A	8.00A	8.00	154.10	....	....	3
5....	....	10.05B	7.70A	10.05B	10.05	152.60	....	....	3
6....	....	...	....	10.05N	8.85	152.20	....	....	3
7....	....	....	8.20A	8.20A	8.20	152.65	....	....	3
8....	....	8.40B	8.15A	8.40B	8.40	152.70	....	....	3
11....	....	....	8.20A	8.20A	8.20	156.00	....	....	3
12....	....	....	* 6.50A	6.50A	6.50	156.55	....	....	3
13....	....	....	* 6.00A	6.00A	6.00	157.30	....	....	3
14....	6.20	6.20	* 5.70A	5.70A	5.70	159.40	....	3	5
15....	5.70	5.70	* 5.45	5.45	5.45	159.15	....	8	13
18....	5.20	5.20	* 5.20	5.20	5.20	160.05	....	3	15
19....	....	5.40B	...	5.40B	5.40	158.90	....	....	15
20....	5.25	5.25	* 4.90A	4.90A	4.90	161.20	....	1	16
21....	4.90	5.00B	* 4.80A	4.95	4.95	160.70	....	2	18
22....	4.75	4.75	* 4.75	4.75	4.75	160.65	....	2	19
25....	4.70	5.10	* 4.70	5.10	5.10	159.00	....	4	23
26....	5.25	5.25	* 4.40A	4.40A	4.40	163.10	....	2	26
27....	4.00	4.25B	* 4.00	4.25B	4.25	162.75	....	5	31
28....	4.50	4.50	* 3.30	3.65	3.65	164.15	....	14	41
29....	....	....	* 3.15A	3.20A	3.20	165.25		....	41

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
2....	3.40	3.40	3.25	3.25	3.25	164.05	....	5	42
3....	3.80	3.80	3.80	3.80	3.80	164.35	....	1	43
4....	....	....	3.70A	3.70A	3.70	165.35	....	....	42
5....	....	....	3.40A	3.40A	3.40	165.95	....	....	42
6....	....	3.80B	* 2.80A	2.80A	2.80	168.60	....	....	42
9....	2.50	2.85B	* 2.50	2.50	2.50	168.35	....	1	41
10....	....	....	* 2.45A	2.45A	2.45	168.30	....	....	36
11....	....	2.50B	....	2.45N	2.45	167.10	....	....	36
12....	2.50	2.50	2.50	2.50	2.50	166.25	....	2	37
13....	2.50	2.60B	2.50	2.50	2.50	167.05	....	....	37
16....	2.60	2.60	2.60	2.60	2.60	165.45	....	2	39
17....	2.60	2.60	* 2.25A	2.25A	2.25	165.70	....	50	61
18....	2.00	2.00	* 2.00	2.00	2.00	164.15	....	15	66
19....	....	2.40B	....	2.40B	2.40	163.25	....	....	66
20....	2.50	2.50	2.35A	2.50	2.50	163.15	....	2	68
23....	2.55	2.60B	2.30A	2.30A	2.30	165.15	....	5	72
24....	2.25	2.25	* 1.50	1.50	1.50	167.45	....	126	196
25....	1.50	1.60B	* 1.45	1.45	1.45	168.15	....	244	378
26....	1.40	1.40	* 1.40	1.40	1.40	167.25	....	277	609
27....	1.40	1.40	1.40	1.40	1.40	166.80	....	1	610
30....	Exchange Closed, Memorial Day								
31....	1.60@.75	2.00	1.60	2.00	2.00	163.30	....	3	612

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 155.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	2.00	2.40	2.00	2.00	2.00	162.95	....	220	614
2....	2.00@1.70	2.00	1.70	1.70	1.70	165.55	....	14	618
3....	1.75	1.75	1.75	1.75	1.75	165.75	....	....	618
6....	1.70	1.80	1.50	1.50	1.50	166.65	....	11	623
7....	1.95	1.95	1.45A	1.95	1.95	162.70	....	3	624
8....	....	2.00B	....	2.00B	2.00	161.50	....	....	625
9....	2.50	2.50	2.05	2.05	2.05	162.65	....	16	635
10....	1.80	1.80	1.80	1.80	1.80	163.30	....	12	642
13....	....	....	1.50A	1.50A	1.50	166.40	....	5	643
14....	1.35	1.35	* 1.20	1.20	1.20	166.25	....	2	642
15....	1.10	1.35	* 1.00	1.00	1.00	169.25	....	32	665
16....	1.00	1.00	* 0.80	0.85	0.85	171.15	....	13	675
17....	0.85	0.85	* 0.60	0.60	0.60	171.45	....	31	695
20....	0.50	0.85	* 0.50	0.80A	0.80	170.70	....	25	717
21....	0.90	0.90	0.60	0.60	0.60	172.65	....	26	728
22....	0.65	0.70	0.50	0.60B	0.60	171.75	....	39	741
23....	0.70	0.80	0.65	0.70B	0.70	172.00	....	8	756
24....	0.80	0.85	0.75	0.80	0.80	171.20	....	31	760
27....	1.00	1.00	0.95A	0.95A	0.95	169.55	....	4	762
28....	0.90@.95	1.00B	0.90	1.00B	1.00	167.45	....	2	764
29....	1.20	1.20	0.90	0.95	0.95	168.90	....	26	780
30....	0.90	0.90	0.80	0.80	0.80	170.15	....	4	780
				IN JULY					
1....	0.80	0.85	0.80	0.85	0.85	170.25	....	15	786
4....	Exchange Closed, Independence Day								
5....	1.05@.10	1.15	1.00	1.10	1.10	167.55	....	6	789
6....	1.00	1.15	0.95	0.95	0.95	169.80	....	38	803
7....	0.90	1.00B	0.80	1.00B	1.00	168.05	....	19	809
8....	1.00	1.05	1.00	1.05	1.05	168.30	....	111	799
11....	0.95	1.00	0.90	1.00	1.00	168.90	....	22	818
12....	0.95@.90	1.15	0.90	1.15B	1.15	166.20	....	21	824
13....	1.20	1.20	1.05	1.10	1.10	166.80	....	16	829
14....	1.00	1.05B	0.95	1.05B	1.00	167.10	....	6	827
15....	1.15	1.25	1.15	1.20	1.20	165.15	....	12	826
18....	1.10	1.30	1.10	1.15	1.15	165.45	....	37	834
19....	1.05	1.05	1.00	1.00	1.00	166.35	....	45	847
20....	0.80	0.80	0.55A	0.55A	0.55	170.35	....	20	845
21....	0.60	0.60	0.50	0.50	0.50	171.00	....	52	842
22....	0.55	0.55	0.55	0.55	0.55	170.05	....	2	843
25....	0.45	0.50	* 0.35	0.35	0.35	171.15	....	23	861
26....	0.20	0.30	* 0.20	0.25	0.25	171.40	....	53	863
27....	0.25	0.30	0.25	0.30	0.30	168.50	....	25	877
28....	0.30	0.60	0.30	0.55	0.55	165.55	....	18	878
29....	0.60	1.10B	0.60	0.90	0.90	163.70	....	32	888
				IN AUGUST					
1....	1.05	1.30	1.05	1.10	1.10	163.10	....	34	887
2....	1.10	1.15	1.00	1.10A	1.10	163.05	....	38	888
3....	1.20	1.25	1.00	1.00	1.00	164.35		74	868
4....	1.05	1.85	1.05	1.50A	1.50	161.45	....	145	913
5....	1.50	1.50	1.30	1.30	1.30	162.75	....	63	946
8....	1.40	1.90	1.40	1.60	1.60	160.55	....	43	946
9....	1.55@.45	2.00	1.30	1.45	1.40	161.45	....	73	955
10....	1.40	1.70	1.10	1.15A	1.15	162.60	....	56	958
11....	0.95	1.05	0.95	1.00A	1.00	162.60	....	33	967
12....	1.05	1.05	0.95	0.95A	0.95	163.40	....	18	947
15....	0.70	0.70	0.60	0.65A	0.65	164.40	....	19	963
16....	0.60	0.70	0.60	0.60	0.60	164.15	....	14	955
17....	0.50	0.50	0.35	0.35	0.35	165.65	....	22	959
18....	0.35	0.45	0.35	0.45	0.45	163.65	....	24	958
19....	0.45	0.45	0.40	0.40A	0.40	164.85	....	50	980
22....	0.20	0.30B	0.20	0.25	0.25	164.35	....	27	984
23....	0.30	0.35	0.30	0.35	0.35	163.00	....	35	983
24....	0.45	0.60	0.30	0.60	0.60	161.35	....	27	977
25....	0.55	0.70	0.40	0.45B	0.45	161.55	....	156	938
26....	0.45	0.45	0.30	0.30	0.30	162.60	....	90	944
29....	0.30	0.35	0.20A	0.20A	0.20	163.20	....	123	983
30....	0.25	0.30	* 0.15	0.15A	0.15	163.15	....	68	1000
31....	0.10	0.10	* 0.05	0.05	0.05	164.95	....	164	1055

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 155.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.05	0.10	0.05	0.05	0.05	164.75	....	56	1043
2....	0.002	0.002	* 0.002	0.002	0.002	165.35	....	2	1052
5....	Exchange Closed, Labor Day								
6....	0.002	0.05	0.002	0.05	0.05	168.35	....	1	1051
7....	....	....	....	0.05N	0.05	168.65	....	13	1034
8....	....	....	....	0.05N	0.05	168.15	....	....	1025
9....	....	....	....	0.05N	0.05	167.05	....	....	1020
12....	0.002	0.002	0.002	0.002	0.002	165.15	....	4	1016
13....	....	....	....	0.002N	0.002	165.15	....	10	1016
14....	....	....	....	0.002N	0.002	165.50	....	....	1016
15....	....	....	....	0.002N	0.002	164.38	....	....	....

SEPTEMBER 1983 160.00 PUTS
IN APRIL 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
19....	8.00	# 8.00	* 8.00	8.00	8.00	158.90	....	1	1
20....	....	....	* 7.50A	7.50A	7.50	161.20	....	....	1
21....	6.80	7.20	* 6.80	7.00A	7.00	160.70	....	3	4
22....	....	....	6.95A	6.95A	6.95	160.65	....	....	4
25....	....	7.00B	6.90A	7.00B	7.00	159.00	....	....	4
26....	7.40	7.40	* 6.50A	6.50A	6.50	163.10	....	7	12
27....	6.15	6.20	* 5.90	6.10	6.10	162.75	....	24	35
28....	6.00	6.00	* 5.25A	5.25	5.25	164.15	....	6	41
29....	5.20	5.20	* 4.90A	4.90A	4.90	165.25	....	2	41

IN MAY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
2....	5.80	5.80	5.60A	5.80	5.80	164.05	....	....	41
3....	....	....	5.20A	5.20A	5.20	164.35	....	....	41
4....	5.00	5.00	* 4.50	4.50	4.50	165.35	....	4	45
5....	....	4.55B	* 4.40A	4.40A	4.40	165.95	....	1	46
6....	4.20	4.20	* 3.65	3.65	3.65	168.60	....	2	48
9....	4.25	4.25	* 3.50	3.50	3.50	168.35	....	18	65
10....	3.50	3.60B	3.50	3.50	3.50	168.30	....	4	65
11....	3.55	3.90	3.55	3.90	3.90	167.10	....	13	78
12....	4.30	4.30	4.00	4.00A	4.00	166.25	....	1	77
13....	....	....	3.95A	3.95A	3.95	167.05	....	....	77
16....	4.20	4.30	4.20	4.30	4.30	165.45	....	18	82
17....	4.20	4.20	3.60	3.65	3.65	165.70	....	28	100
18....	3.40	3.70	* 3.30	3.70	3.70	164.15	....	4	101
19....	3.90	4.10B	3.90	4.10B	4.10	163.25	....	7	102
20....	4.50	4.80	4.05A	4.80	4.80	163.15	....	30	117
23....	5.00	5.00	3.60	3.60	3.60	165.15	....	5	122
24....	3.30	3.30	* 3.00	3.10	3.10	167.45	....	6	125
25....	2.60	2.70B	* 2.60	2.70B	2.70	168.15	....	1	126
26....	2.70	3.00	2.70	2.90	2.90	167.25	....	23	146
27....	2.70	2.90	2.70	2.90	2.90	166.80	....	5	150
30....	Exchange Closed, Memorial Day								
31....	3.15	3.75	3.15	3.75	3.75	163.30	....	4	149

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	4.20	4.20	3.50	4.00	4.00	163.95	....	18	159
2....	3.70	3.70	3.50A	3.50A	3.50	165.55	....	6	159
3....	3.25	3.55B	3.00	3.00	3.00	165.75	....	19	157
6....	3.00	3.20	2.60	2.60	2.60	166.65	....	20	177
7....	2.75	3.50	2.75	3.50	3.50	162.70	....	11	185
8....	3.50	4.45	3.50	4.30A	4.30	161.50	....	44	203
9....	3.70	4.60	3.50	3.80	3.80	162.65	....	82	251
10....	4.00	4.20	3.50	4.00	4.00	163.30	....	7	251
13....	3.00	3.45	2.60	2.60	2.60	166.40	....	57	300
14....	2.90	2.90	* 2.30	2.30	2.30	166.25	....	14	314
15....	2.60@.70	2.70	* 2.15	2.15	2.15	169.25	....	126	440
16....	2.00@.05	2.05	* 1.50	1.65	1.65	171.15	....	126	554
17....	1.70	1.70	* 1.45	1.50A	1.50	171.45	....	33	573
20....	1.50	1.70	* 1.30	1.65	1.65	170.70	....	58	575
21....	1.70	2.00	* 1.20	1.35A	1.35	172.65	....	252	664
22....	1.40	1.50	1.25A	1.50	1.50	171.75	....	221	786
23....	1.55	1.60	1.35	1.45	1.45	172.00	....	40	798
24....	1.50	1.60	1.40	1.60	1.60	171.20	....	71	807
27....	1.65	2.00	1.60	1.80	1.80	169.55	....	38	833
28....	1.60	2.40	1.60	2.40	2.40	167.45	....	117	840
29....	2.25	2.30	1.90	1.90	1.90	168.90	....	57	830
30....	1.85	1.85	1.60	1.60	1.60	170.15	....	10	824

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 160.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	1.80	1.80	1.60A	1.70	1.70	170.25	....	53	835
4	Exchange closed, Independence Day								
5	2.00	2.25	2.00	2.15A	2.15	167.55	....	81	878
6	2.00	2.10	1.80	1.80	1.80	169.80	....	87	860
7	1.90	2.15B	1.60	2.15B	2.15	168.05	....	120	859
8	2.05	2.30	2.05	2.10A	2.10	168.30	....	50	874
11	1.90	2.00	1.80	1.95A	1.95	168.90	....	32	876
12	2.00	2.40	1.90	2.35	2.35	166.20	....	230	780
13	2.20	2.45	2.10	2.20A	2.20	166.80	....	59	768
14	2.10	2.10	1.95	2.10	2.10	167.10	....	50	768
15	2.20	2.65	2.20	2.40	2.40	165.15	....	80	753
18	2.25	2.60	2.20	2.25B	2.25	165.45	....	57	747
19	2.10	2.20	1.95	2.00	2.00	166.35	....	31	740
20	1.85@.75	1.85	1.35	1.35	1.35	170.35	....	58	751
21	1.30	1.30	* 0.95	1.05A	1.05	171.00	....	148	831
22	1.15	1.20	1.05	1.05	1.05	170.05	....	24	843
25	1.15	1.20	* 0.80	0.90	0.90	171.15	....	23	835
26	1.00	1.00	* 0.65	0.65	0.65	171.40	....	37	833
27	0.65	1.00	0.65	1.00	1.00	168.50	....	19	835
28	1.05	1.70	1.00	1.70	1.70	165.65	....	82	857
29	1.80	2.75	1.75	2.25	2.25	163.70	....	162	862
IN AUGUST									
1	2.40	3.00	2.35	2.50	2.50	163.10	....	170	925
2	2.50	2.70	2.20A	2.70	2.70	163.05	....	67	943
3	2.70	2.90	2.00	2.20	2.20	164.35	....	49	956
4	2.40	3.90	2.30	3.20	3.20	161.45	....	207	989
5	3.10	3.30	2.60	2.65A	2.65	162.75	....	113	1036
8	3.00	3.70	3.00	3.70	3.70	160.55	....	179	1124
9	3.30	4.10	3.05	3.15	3.10	161.45	....	123	1122
10	3.15	3.40	2.30	2.75	2.75	162.60	....	281	1172
11	2.45	2.60	2.30	2.50	2.50	162.60	....	213	1186
12	2.45	2.45	2.20	2.25	2.25	163.40	....	63	1210
15	1.75@.65	1.75	1.35	1.60	1.60	164.40	....	79	1186
16	1.45	1.80	1.40	1.55	1.55	164.15	....	84	1165
17	1.45	1.55	1.10A	1.10A	1.10	165.65	....	60	1192
18	1.05@.00	1.50	1.00	1.50	1.50	163.65	....	118	1180
19	1.40	1.65	1.35	1.40	1.30	164.85	....	29	1199
22	1.05@.90	1.20	0.75	1.00	1.00	164.35	....	96	1181
23	1.15	1.40	1.15	1.40	1.40	163.00	....	36	1173
24	1.25	1.85	1.20A	1.85	1.85	161.35	....	72	1205
25	1.75	2.30	1.65	1.65	1.65	161.55	....	89	1198
26	1.75	1.80	1.15	1.20	1.20	162.60	....	138	1129
29	1.40	1.55	0.90	0.95	0.95	163.20	....	104	1120
30	0.95	1.00B	0.65	0.75	0.75	163.15	....	64	1135
31	0.85	0.85	* 0.35	0.35	0.35	164.95	....	243	1309
IN SEPTEMBER									
1	0.35	0.50	0.35	0.35	0.35	164.75	....	174	1342
2	0.35	0.35	* 0.20	0.20	0.20	165.35	....	94	1391
5	Exchange Closed, Labor Day								
6	0.05	0.10	* 0.05	0.05	0.05	168.35	....	184	1500
7	0.05	0.10	0.05	0.05	0.05	168.65	....	157	1523
8	0.002	0.10	* 0.002	0.05	0.05	168.15	....	42	1517
9	0.002	0.002	0.002	0.002	0.002	167.05	....	7	1502
12	0.002	0.10	0.002	0.10	0.05	165.15	....	15	1502
13	0.05	0.05	0.05	0.05	0.05	165.15	....	25	1508
14	0.002	0.002	0.002	0.002	0.002	165.50	....	16	1504
15	0.002	0.002	0.002	0.002	0.002	164.38	....	16	....
16	....	....	....	....	....	....	....	1	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 165.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3....	8.00	# 8.00	* 7.50A	7.50A	7.50	164.35	....	1	1
4....	....	....	* 7.00A	7.00A	7.00	165.35	....	....	1
5....	....	7.10B	* 6.50A	6.50A	6.50	165.95	....	....	1
6....	6.00@.10	6.00	* 5.90A	5.90A	5.90	168.60	....	1	2
9....	5.90	6.00	* 5.50	5.65B	5.65	168.35	....	4	4
10....	5.50	5.70B	5.50	5.50	5.50	168.30	....	21	20
11....	5.50	5.60B	5.50	5.55B	5.55	167.10	....	2	20
12....	5.65	6.00	5.60	5.70B	5.70	166.25	....	4	24
13....	5.65	5.75B	5.65	5.65	5.65	167.05	....	1	25
16....	6.50	6.50	6.00	6.00	6.00	165.45	....	4	27
17....	6.10	6.20	5.70A	5.70A	5.70	165.70	....	2	26
18....	5.00	5.50B	* 5.00	5.50B	5.50	164.15	....	14	33
19....	5.60	6.55	5.60	6.50B	6.50	163.25	....	32	50
20....	6.90	6.90	6.45A	6.50	6.50	163.15	....	8	57
23....	7.50	7.50	5.75A	5.75A	5.75	165.15	....	34	69
24....	5.50	5.50	* 4.30	4.30	4.30	167.45	....	8	67
25....	4.35	4.35	* 4.10A	4.10A	4.10	168.15	....	21	85
26....	4.40	4.60	4.20	4.60	4.60	167.25	....	14	97
27....	4.70	4.70	4.55	4.55	4.55	166.80	....	4	101
30....	Exchange Closed, Memorial Day								
31....	4.85	6.60	4.85	6.00	6.00	163.30	....	5	103
IN JUNE									
1....	6.05	7.00	6.00	6.10	6.10	163.95	....	9	105
2....	5.80	6.00	4.75	4.75	4.75	165.55	....	6	110
3....	5.00@4.70	5.00	4.70	4.80B	4.80	165.75	....	5	113
6....	5.20	5.20	4.70	4.70	4.70	166.65	....	4	114
7....	5.10	6.00B	5.10	6.00B	6.00	162.70	....	6	116
8....	6.50	7.00	6.00	6.75B	6.75	161.50	....	101	157
9....	7.50	7.50	5.90	5.95B	5.95	162.65	....	152	196
10....	6.10	6.10	6.10	6.10	6.10	163.30	....	1	196
13....	5.40	5.40	4.50	4.50	4.50	166.40	....	8	200
14....	4.75	4.75	* 4.00	4.10B	4.10	166.25	....	41	230
15....	4.40	4.50	* 3.80A	3.80A	3.80	169.25	....	74	256
16....	3.80	3.80	* 2.50	2.70	2.70	171.15	....	210	400
17....	2.70	3.00	* 2.45	2.50	2.40	171.45	....	87	444
20....	2.55@.40	2.90	* 2.10	2.90	2.70	170.70	....	62	484
21....	2.75	3.00	2.20	2.30	2.30	172.65	....	130	578
22....	2.40	2.50	* 2.05	2.40B	2.40	171.75	....	74	600
23....	2.50	2.80	2.40	2.45	2.45	172.00	....	52	621
24....	2.45	2.70	2.40	2.60	2.60	171.20	....	39	624
27....	2.80	3.25	2.80	3.20A	3.20	169.55	....	78	638
28....	3.00@2.90	3.90	2.75	3.80	3.80	167.45	....	111	687
29....	3.60	4.00	3.15	3.20	3.20	168.90	....	126	732
30....	3.15	3.20	2.80	2.80	2.80	170.15	....	62	727
IN JULY									
1....	2.90	3.05	2.80	2.80	2.80	170.25	....	22	729
4....	Exchange Closed, Independence Day								
5....	3.20@.40	4.10	3.20	3.85	3.85	167.55	....	180	866
6....	3.60	3.90	3.10	3.15	3.15	169.80	....	89	907
7....	3.40	3.65	2.85	3.65	3.65	168.05	....	65	903
8....	3.55	4.10	3.45	3.55A	3.55	168.30	....	49	890
11....	3.10	3.20B	3.00	3.20B	3.20	168.90	....	34	906
12....	3.30	4.30	3.30	4.30	4.30	166.20	....	47	902
13....	4.25@.30	4.40	3.80	3.80	3.80	166.80	....	77	911
14....	3.60	3.90	3.35	3.70	3.70	167.10	....	115	953
15....	4.10	4.90	4.10	4.50	4.55	165.15	....	32	971
18....	4.60	4.70	3.90	4.15	4.15	165.45	....	41	980
19....	4.05	4.05	3.60	3.75	3.75	166.35	....	40	985
20....	3.25	3.25	2.20A	2.20A	2.20	170.35	....	147	1006
21....	2.25	2.40	* 1.90	2.00	2.00	171.00	....	106	1016
22....	2.20	2.25	2.00	2.05	2.05	170.05	....	41	1031
25....	2.30	2.30	* 1.75	1.75	1.75	171.15	....	34	1022
26....	1.75	1.85	* 1.35	1.45A	1.50	171.40	...	214	1086
27....	1.50	2.50	1.45	2.45B	2.45	168.50	....	180	1099
28....	2.55	3.40	2.40	3.35	3.35	165.65	....	125	1170
29....	3.40@.50	5.10	3.40	4.40	4.40	163.70	....	253	1122

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 165.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	4.70	5.30	4.40	5.00	5.00	163.10	....	131	1051
2....	4.70@.60	5.20	4.15	4.95	4.95	163.05	....	60	1006
3....	5.00	5.40	3.90	4.15	4.15	164.35	....	90	1012
4....	4.50	6.60	4.50	5.45	5.45	161.45	....	103	995
5....	5.40	5.75B	5.05A	5.15	5.15	162.75	....	107	1103
8....	6.20	6.40	5.80	6.20@.15	6.15	160.55	....	52	1106
9....	5.90	6.85	5.45	5.45	5.45	161.45	....	20	1092
10....	5.55	6.20	4.40	4.60B	4.60	162.60	....	53	1023
11....	4.30	4.85	4.30	4.75	4.75	162.60	....	106	1058
12....	4.60	4.60	4.25	4.50	4.50	163.40	....	125	1119
15....	3.60	3.60	2.85	3.45	3.45	164.40	....	142	1137
16....	3.25	4.00	3.20	3.45	3.45	164.15	....	38	1141
17....	3.10	3.40	2.55	2.70	2.70	165.65	....	199	1274
18....	2.55	3.80	2.40	3.70	3.60	163.65	....	69	1309
19....	3.60	3.60	3.00	3.00	2.80	164.85	....	43	1333
22....	2.50	3.00	2.05	2.70	3.00	164.35	....	202	1440
23....	3.05	3.75B	3.05	3.60	3.70	163.00	....	45	1442
24....	3.60	4.50	3.15	4.50	4.75	161.35	....	38	1432
25....	4.50	5.35	4.25	4.65	4.65	161.55	....	16	1424
26....	4.80	4.80	3.30	3.40	3.60	162.60	....	35	1412
29....	4.00	4.45B	3.05	3.05	3.00	163.20	....	32	1415
30....	3.00	3.10	2.55	2.55	2.85	163.15	....	42	1410
31....	3.00	3.00	1.70	1.90	1.80	164.95	....	435	1742

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	1.75@.80	2.00	1.60	1.80A	1.80	164.75	....	388	2052
2....	1.80	1.80	1.40	1.40	1.40	165.35	....	102	2059
5....	Exchange Closed, Labor Day								
6....	1.00	1.00	* 0.40	0.40	0.40	168.35	....	494	2502
7....	0.35	0.50	* 0.30	0.35A	0.35	168.65	....	346	2654
8....	0.45	0.45	* 0.25	0.30	0.30	168.15	....	29	2657
9....	0.30	0.45	0.25	0.45	0.45	167.05	....	101	2712
12....	0.15	1.30	* 0.10	1.20	1.10	165.15	....	437	2726
13....	1.10	1.25	0.75	0.75	0.75	165.15	....	440	2595
14....	0.85	0.85	0.20	0.20	0.20	165.50	....	297	2503
15....	0.20@.15	0.55B	* 0.05	0.45@.55B	0.50	164.38	....	560	2288
16....	....	....	....	....	....	....	2288	11	....
20....	....	....	....	....	....	....	....	1	....

SEPTEMBER 1983 170.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
10....	7.10	# 7.10	* 7.10	7.10	7.10	168.30	....	....	....
11....	....	# 8.50B	....	8.50B	8.50	167.10	....	20	20
12....	....	....	8.45A	8.45A	8.45	166.25	....	....	20
13....	....	....	8.00A	8.00A	8.00	167.05	....	....	20
16....	....	8.50B	....	8.50B	8.50	165.45	....	....	20
17....	8.25	# 8.55B	8.10	8.20A	8.20	165.70	....	55	56
18....	7.50	# 9.20B	7.50	9.20B	9.20	164.15	....	36	68
19....	9.50	# 9.60B	9.00A	9.60B	9.60	163.25	....	5	71
20....	....	....	9.55A	9.55A	9.55	163.15	....	....	71
23....	9.50	#10.00B	9.50	9.50	9.50	165.15	....	2	71
24....	7.50	7.50	* 7.00	7.00	7.00	167.45	....	26	91
25....	6.85	7.05B	* 6.50A	6.50A	6.50	168.15	....	92	138
26....	6.65	6.65	* 6.40	6.60B	6.60	167.25	....	214	347
27....	....	6.65B	....	6.65B	6.65	166.80	....	....	346
30....	Exchange Closed, Memorial Day								
31....	....	9.00B	....	9.00B	9.00	163.30	....	....	346

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 170.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	8.90	9.50	8.75A	8.75A	8.75	163.95	....	4	346
2....	8.25	8.25	8.25	8.25	8.25	165.55	....	2	347
3....	7.20	7.50B	7.20	7.50B	7.50	165.75	....	3	347
6....	....	7.70B	7.00A	7.00A	7.00	166.65	....	....	346
7....	6.70	9.50B	6.70	9.50B	9.50	162.70	....	100	446
8....	9.50	10.00B	9.50	10.00B	10.00	161.50	....	3	448
9....	9.50	10.00B	9.25A	9.25A	9.25	162.65	....	1	448
10....	9.10	9.10	9.10	9.10	9.10	163.30	....	4	448
13....	....	....	7.00A	7.00A	7.00	166.40	....	....	448
14....	....	7.20B	6.50A	7.00N	6.70	166.25	....	1	445
15....	6.70	6.80B	* 5.25A	5.25A	5.25	169.25	....	2	445
16....	4.90	5.20	* 4.00	4.50	4.50	171.15	....	69	488
17....	4.50	4.70	4.35A	4.35A	4.25	171.45	....	66	539
20....	4.45	5.00	4.05	4.70A	4.70	170.70	....	205	575
21....	4.40	4.90	* 3.65A	3.85B	3.85	172.65	....	53	596
22....	3.90	4.20	* 3.30	3.80B	3.80	171.75	....	99	737
23....	4.05	4.35	4.00	4.20A	4.20	172.00	....	74	695
24....	4.35	4.60	4.10	4.60	4.60	171.20	....	47	728
27....	4.60	5.35	4.60	5.10	5.10	169.55	....	143	758
28....	4.80	6.30	4.80	6.30	6.30	167.45	....	56	727
29....	6.30	6.60	5.20	5.45	5.45	168.90	....	74	734
30....	5.30	5.30	4.75	4.75	4.75	170.15	....	11	728
				IN JULY					
1....	4.90	5.15	4.50	4.60B	4.60	170.25	....	164	867
4....	Exchange Closed, Independence Day								
5....	6.20	6.60	6.00	6.20A	6.20	167.55	....	75	888
6....	6.00	6.20	4.90	4.90	4.90	169.80	....	48	903
7....	5.45	6.20	4.60	6.00A	6.00	168.05	....	83	953
8....	5.80	6.10	5.60A	5.75	5.75	168.30	....	15	950
11....	5.05	5.50	5.05	5.20	5.20	168.90	....	65	962
12....	5.70	7.00	5.70	6.85	6.85	166.20	....	117	1052
13....	6.90	7.00	6.30	6.45	6.45	166.80	....	240	1228
14....	5.75	6.30B	5.75	6.30B	6.30	167.10	....	68	1229
15....	6.80	7.70B	6.75	7.30	7.30	165.15	....	67	1314
18....	7.25	7.50	6.80	7.05	7.05	165.45	....	67	1306
19....	7.00	7.00	6.40	6.70	6.50	166.35	....	46	1315
20....	5.80	5.80	4.00	4.00	4.00	170.35	....	52	1318
21....	4.10	4.40	3.60	3.70	3.70	171.00	....	74	1331
22....	4.05	4.25	4.00	4.15	4.15	170.05	....	80	1347
25....	4.40	4.50	* 3.10	3.45	3.45	171.15	....	130	1399
26....	3.50	3.90B	* 2.85	3.10B	3.10	171.40	....	220	1433
27....	3.10	4.60	3.05A	4.60	4.60	168.50	....	56	1414
28....	4.85	6.55	4.60	6.55	6.55	165.65	....	108	1441
29....	6.65@.85	8.40	6.60	7.85	7.85	163.70	....	96	1520
				IN AUGUST					
1....	8.10	8.65	7.50	8.25	8.25	163.10	....	165	1575
2....	7.70	8.20B	7.40A	8.00B	8.00	163.05	....	32	1521
3....	8.10	8.30B	7.20A	7.45A	7.45	164.35	....	2	1493
4....	8.00	#10.00	8.00	9.75A	9.65	161.45	....	41	1473
5....	8.60	9.90	8.50A	8.60	8.60	162.75	....	56	1453
8....	10.20	#10.20	9.60A	9.90	9.90	160.55	....	46	1418
9....	9.70	#10.40B	9.60	9.80A	9.50	161.45	....	11	1430
10....	8.80	10.00B	8.20A	8.80	8.80	162.60	....	63	1422
11....	8.20	8.40B	8.00	8.10	8.10	162.60	....	63	1359
12....	7.85	7.90B	7.70A	7.85	7.85	163.40	....	16	1358
15....	6.10@.15	6.60	6.05A	6.60	6.60	164.40	....	12	1346
16....	6.60	7.40B	6.40	6.80	6.80	164.15	....	9	1344
17....	6.65	6.65	5.60	5.60	5.60	165.65	....	7	1347
18....	5.30	6.90B	5.30	6.90B	7.15	163.65	....	31	1365
19....	6.70	7.00B	6.50A	6.90B	6.00	164.85	....	....	1365
22....	5.50	6.20B	4.85	5.95B	6.45	164.35	....	72	1370
23....	6.90	7.70	6.90	7.60A	7.55	163.00	....	13	1373
24....	7.10	8.75	7.05A	8.75	8.95	161.35	....	92	1322
25....	9.30	9.60B	8.40A	9.30	8.70	161.55	....	32	1304
26....	9.10	9.10	7.50A	7.80	7.65	162.60	....	30	1282
29....	8.90	8.90	7.30A	7.30A	7.05	163.20	4	11	1277
30....	6.75	7.20B	6.55A	6.75	7.05	163.15	....	9	1271
31....	6.75	6.75	5.30	5.30	5.35	164.95	....	15	1257

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 170.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	5.00	5.40B	5.00	5.40B	5.45	164.75	....	5	1226
2....	5.00	5.00	4.85	4.85	4.95	165.35	....	4	1227
5....	Exchange Closed, Labor Day								
6....	3.50	3.65B	* 2.50	2.50	2.50	168.35	....	56	1234
7....	2.70	2.70	* 1.95	2.10A	2.00	168.65	....	312	1167
8....	2.35	2.50	* 1.90	2.15B	2.25	168.15	....	62	1191
9....	2.30	3.15B	2.20	3.15B	3.40	167.05	....	424	1519
12....	1.80	5.00	* 1.60A	5.00	5.00	165.15	....	166	1450
13....	4.70	5.50	4.70	4.90B	4.85	165.15	....	40	1441
14....	5.35	5.35	4.30	4.55	4.40	165.50	....	88	1451
15....	4.90	5.30	4.35A	5.30	5.60	164.38	67	14	1379
16....	....	....	....	....	....	....	1379	....	....

SEPTEMER 1983 175.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
18....	11.50	#12.00B	*11.50	12.00B	12.00	164.15	....	2	2
19....	....	#13.50B	....	13.50B	13.50	163.25	....	....	2
20....	....	....	13.45A	13.45A	13.45	103.15	....	....	2
23....	....	#14.00B	....	14.00B	14.00	165.15	....	....	2
24....	10.30	10.30	*10.30	10.30	10.30	167.45	....	100	102
25....	10.00	10.00	* 9.50A	9.50A	9.50	166.15	....	90	102
26....	9.50	10.50B	* 9.50	10.50B	10.50	167.25	....	3	105
27....	....	....	9.90A	9.90A	9.90	166.80	....	....	105
30....	Exchange Closed, Memorial Day								
31....	....	13.00B	....	13.00B	13.00	163.30	....	....	105

IN JUNE

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	13.00	13.05B	13.00	13.00	13.00	163.95	....	5	110
2....	11.60	11.60	11.60	11.60	11.60	165.55	....	2	111
3....	....	....	11.00A	11.00A	11.00	165.75	....	....	111
6....	....	...	9.50A	9.50A	9.50	166.65	....	....	111
7....	....	13.00B	....	13.00B	13.00	162.70	....	....	111
8....	....	....	....	13.00N	13.00	161.50	....	....	111
9....	....	....	....	13.00N	13.00	162.65	....	....	111
10....	13.30	13.30	12.90A	13.30	13.30	163.30	....	3	111
13....	....	....	10.00A	10.00A	10.00	166.40	....	....	111
14....	....	....	....	10..00N	10.00	166.25	....	....	108
15....	....	10.05B	* 8.75A	8.75A	8.75	169.25	....	....	108
16....	8.10	8.10	* 6.60	6.60	6.60	171.15	....	18	121
17....	7.00	7.15B	* 6.50	6.80	6.80	171.45	....	19	138
20....	7.00	7.35	6.50	7.10	7.10	170.70	....	108	196
21....	7.20	7.55B	* 5.10	5.70B	5.70	172.65	....	35	211
22....	5.95	6.70	5.30	6.70	6.70	171.75	....	43	246
23....	6.35	6.55B	6.25	6.40B	6.40	172.00	....	15	256
24....	....	6.90B	....	6.90B	6.90	171.20	....	14	241
27....	....	7.90B	....	7.90B	7.90	169.55	....	....	241
28....	....	9.30B	7.50A	9.25B	9.50	167.45	....	....	246
29....	....	....	8.10A	8.10A	8.10	168.90	....	....	246
30....	7.80	7.80	7.60A	7.60A	7.60	170.15	....	2	244

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	7.40A	7.40A	7.40	170.25	....	....	248
4....	Exchange Closed, Independence Day								
5....	8.50	9.40B	8.50	9.40B	9.40	167.55	....	3	247
6....	....	....	8.20A	8.20A	8.20	169.80	....	....	243
7....	....	8.40B	7.50A	8.40B	8.40	168.05	....	....	243
8....	8.40	9.00B	8.40	8.50	8.50	168.30	....	101	219
11....	....	....	8.00A	8.00A	8.00	168.90	....	....	219
12....	10.00	10.00	10.00	10.00	10.00	166.20	....	5	214
13....	10.00	10.00	9.50	9.60B	9.60	166.80	....	5	212
14....	9.05	9.40B	8.80	9.20B	9.30	167.10	....	4	220
15....	10.50	11.00B	10.50	10.75	10.90	165.15	....	6	219
18....	10.80	11.00B	10.80	10.80	10.80	165.45	....	3	220
19....	....	....	10.00A	10.00A	10.00	166.35	....	....	220
20....	8.70	8.70	7.50A	7.50A	7.50	170.35	....	12	219
21....	6.60	7.25	6.25A	6.50A	6.50	171.00	....	9	219
22....	6.50	6.80B	6.50	6.75B	7.00	170.05	....	2	220
25....	....	7.25B	6.10A	6.10A	6.10	171.15	....	....	220
26....	6.10	6.20B	5.50	5.60B	5.60	171.40	....	5	215
27....	5.40	7.80	5.40	7.80	7.80	168.50	....	9	221
28....	7.80	9.50B	7.75A	9.50B	9.50	165.65	....	13	228
29....	10.45	13.00	10.25	13.00	12.00	163.70	....	25	238

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 175.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	11.50	12.70B	11.50	12.25B	12.25	163.10	....	8	237
2....	....	12.30B	11.60A	12.30B	12.30	163.05	....	....	237
3....	11.10@10.90	12.50B	10.90	10.90	11.20	164.35	....	3	240
4....	12.00	#14.40	12.00	13.80A	14.00	161.45	....	25	251
5....	12.50	12.50	12.50	12.50	12.50	162.75	....	5	248
8....	14.40	#14.50B	14.00A	14.00A	14.75	160.55	....	11	242
9....	15.75	#15.75	14.00A	15.75	13.85	161.45	....	10	233
10....	14.00	14.25B	12.25	12.80B	12.80	162.60	....	15	228
11....	12.50	12.60B	12.40A	12.50	12.50	162.60	....	7	241
12....	11.90	12.15B	11.90	11.90	11.90	163.40	....	6	241
15....	10.00	10.50B	10.00	10.50B	10.90	164.40	....	6	243
16....	11.00	11.60B	10.50B	11.00	11.00	164.15	....	6	243
17....	10.10	10.10	9.60A	9.60A	9.60	165.65	....	2	243
18....	11.00	11.30B	9.50A	11.30B	11.60	163.65	....	10	253
19....	11.60	11.60	11.00A	11.00A	10.40	164.85	....	10	248
22....	....	....	9.30A	10.40N	10.75	164.35	....	....	248
23....	11.90	12.20B	11.30A	12.20B	12.10	163.10	....	9	263
24....	....	12.70B	11.60A	12.70B	13.70	161.35	....	....	263
25....	13.40	14.60B	13.30	13.90	13.50	161.55	....	28	261
26....	12.50	13.80B	12.50	12.50	12.45	162.60	13	2	245
29....	....	13.60B	12.10A	12.10A	11.85	163.20	71	....	174
30....	....	12.00B	....	11.85N	11.90	163.15	90	....	84
31....	....	....	10.20A	10.20A	10.10	164.95	1	....	83

IN SEPTEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	10.30B	9.70A	10.30B	10.30	164.75	....	....	83
2....	....	....	....	10.30N	9.65	165.35	....	....	83
5....	Exchange Closed, Labor Day								
6....	....	....	7.55A	7.55A	6.65	168.35	....	....	83
7....	....	...	....	6.65N	6.35	168.65	....	....	83
8....	6.70	7.00B	6.70	6.70	6.85	168.15	....	3	82
9....	....	7.00B	6.80A	6.80A	8.00	167.05	....	....	82
12....	5.65	9.50B	5.65	9.50B	9.90	165.15	....	4	84
13....	....	10.20B	9.35A	9.90N	9.85	165.15	....	....	82
14....	....	....	....	9.85N	9.40	165.50	....	....	82
15....	9.80	10.10B	9.80	10.10B	10.60	164.38	....	4	80
16....	....	....	....	....	....	....	80	....	....

SEPTEMBER 1983 180.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	11.00	#11.00	*11.00	11.00	11.00	170.25	....	....	....
4....	Exchange Closed, Independence Day								
5....	....	#13.00B	....	13.00B	13.00	167.55	....	2	2
6....	....	....	12.90A	13.00N	12.40	169.80	....	....	2
7....	12.10	12.10	11.50A	12.10	12.50	168.05	....	1	3
8....	....	....	....	12.50N	12.50	168.30	....	....	3
11....	11.50	11.50	11.50	11.50	11.50	168.90	....	2	5
12....	12.60	#14.00B	12.60	14.00B	14.00	166.20	....	1	5
13....	....	....	....	14.00N	14.00	166.80	....	....	5
14....	....	....	....	14.00N	14.00	167.10	....	....	3
15....	....	#15.20B	....	15.20B	15.20	165.15	....	....	3
18....	....	....	....	15.20N	15.20	165.45	....	....	3
19....	....	....	15.00A	15.00A	15.00	166.35	....	....	3
20....	....	....	11.50A	11.50A	10.50	170.35	....	....	3
21....	....	....	*10.20A	10.20A	10.20	171.00	....	....	3
22....	....	....	....	10.20N	10.20	170.05	....	....	3
25....	*0.85	11.00B	* 9.50A	9.50A	9.50	171.15	....	25	28
26....	....	9.75B	* 9.20A	9.20A	9.20	171.40	....	....	28
27....	9.25	11.90	9.25	11.90	11.90	168.50	....	21	48
28....	11.80	14.00B	11.80	14.00B	14.00	165.65	....	10	53
29....	....	#17.00B	....	17.00B	16.50	163.70	....	21	59

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

SEPTEMBER 1983 180.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	16.50	16.80B	16.30A	16.50	16.50	163.10	....	1	60
2....	....	17.00B	16.00A	17.00B	17.00	163.05	....	....	58
3....	....	#17.10B	15.80A	15.80A	15.80	164.35	....	....	58
4....	16.50	#18.00B	16.50	18.00B	18.70	161.45	....	8	66
5....	....	....	17.50A	17.50A	17.50	162.75	....	....	66
8....	....	#19.00B	....	19.00A	19.50	160.55	....	....	66
9....	19.10	#20.50	19.10	20.50	18.65	161.45	....	13	76
10....	....	....	....	18.65N	18.65	162.60	....	....	76
11....	....	....	17.00A	17.00A	17.00	162.60	....	....	76
12....	....	....	....	17.00N	17.00	163.40	....	....	76
15....	....	....	15.10A	17.00A	15.60	164.40	....	....	76
16....	....	16.20B	15.55A	16.20B	16.00	164.15	....	....	76
17....	14.80	14.80	14.80	14.80	14.50	165.65	....	....	76
18....	15.75	15.75	15.75	15.75	16.40	163.65	....	12	84
19....	16.35	16.35	16.00A	16.00A	15.20	164.85	....	10	86
22....	....	....	14.25A	15.20N	15.65	164.35	....	....	86
23....	....	17.10B	....	17.10B	17.00	163.00	....	....	86
24....	....	17.70B	16.80A	17.70A	18.70	161.35	....	....	86
25....	....	19.40B	18.40A	19.40B	18.50	161.55	36	....	50
26....	....	18.90B	17.80A	17.80A	17.45	162.60	....	....	50
29....	....	18.70B	....	18.70B	16.85	163.20	....	....	50
30....	....	....	....	16.85N	16.90	163.15	....	....	50
31....	....	....	15.20A	15.20A	15.10	164.95	....	....	50

IN SEPTEMBER

1....	....	15.30B	15.00A	15.30B	15.30	164.75	....	....	50
2....	....	....	....	15.30N	14.70	165.35	....	....	50
5....	Exchange Closed, Labor Day								
6....	....	....	13.00A	13.00A	11.65	168.35	....	....	50
7....	....	....		11.65N	11.35	168.65	....	....	50
8....	11.70	12.00B	11.70	11.70	11.85	168.15	....	3	50
9....	....	....	....	11.85N	13.00	167.05	....	....	50
12....	....	....	10.80A	13.00N	14.90	165.15	....	....	50
13....	....	....	....	14.90N	14.85	165.15	....	....	50
14....	....	....	....	14.85N	14.40	165.50	....	....	50
15....	....	14.75B	....	14.75B	15.60	164.38	50	....	....
16....									

DECEMBER 1983 145.00 PUTS
IN JULY 1983

19....	1.00	# 1.00	* 1.00	1.00	1.00	167.40	....	8	8
20....	....	....	....	1.00N	1.00	171.65	....	....	8
21....	....	....	....	1.00N	1.00	172.25	....	2	10
22....	....	....	....	1.00N	1.00	171.30	....	....	10
25....	0.60	0.60	* 0.60	0.60	0.60	172.35	....	2	12
26....	0.60	0.60	0.60	0.60	0.60	172.65	....	4	16
27....	....	....	....	0.60N	0.60	169.70	....	....	16
28....	....	....	....	0.60N	0.60	166.95	....	....	16
29....	....	....	....	0.60N	0.60	165.00	....	....	16

IN AUGUST

1....	1.00	1.00	1.00	1.00	1.00	164.40	....	....	16
2....	....	....	....	1.00N	1.00	164.30	....	1	17
3....	....	....	....	1.00N	1.00	165.70	....	....	17
4....	1.00	1.00	1.00	1.00	1.00	162.85	....	5	19
5....	....	....	....	1.00N	1.00	164.10	....	....	19
8....	....	....	....	1.00N	1.00	161.90	....	....	19
9....	....	....	....	1.00N	1.00	162.75	....	....	19
10....	1.10	# 1.10	1.10	1.10	1.10	163.90	....	1	19
11....	1.00	1.00	1.00	1.00	1.00	163.90	....	2	21
12....	0.90	0.90	0.80	0.80	0.80	164.75	....	2	21
15....	0.75	0.75	0.75	0.75	0.75	165.80	....	4	24
16....	0.85	0.85	0.85	0.85	0.85	165.45	....	2	26
17....	....	0.90B	....	0.85N	0.85	166.95	....	....	26
18....	0.85	0.90	0.85	0.90	0.90	164.95	....	7	33
19....	1.00	1.00	0.95	0.95	0.95	166.05	....	6	38
22....	....	....	0.90A	0.90A	0.90	165.65	....	....	38
23....	....	....	....	0.90N	0.90	164.30	....	....	38
24....	..	....	....	0.90N	0.90	162.70	....	....	38
25....	00	1.00	1.00	1.00	1.00	162.80	....	1	38
26....	....	....	....	1.00B	1.00	162.85	....	....	38
29....	1.05	1.05	0.90A	0.90A	0.90	164.25	....	6	41
30....	....	....	0.85A	0.85A	0.85	164.25	....	....	41
31....	0.80	0.80	0.70	0.70	0.70	165.95	....	5	40

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 145.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.70N	0.70	166.00	....	....	40
2	0.70	0.70	0.70	0.70	0.70	166.70	....	1	41
5	Exchange Closed, Labor Day								
6	0.50	0.50	* 0.45	0.45	0.45	169.60	....	5	44
7	0.45	0.45	0.45	0.45	0.45	170.10	....	2	46
8	0.45	0.45	0.45	0.45	0.45	169.85	....	3	49
9	0.45	0.45	0.45	0.45	0.45	168.55	....	2	49
12	0.25	0.25	* 0.25	0.25	0.25	166.60	....	2	51
13	....	0.30B	....	0.30B	0.30	166.95	....	....	51
14	....	....	....	0.30N	0.25	167.50	....	15	51
15	....	....	....	0.25N	0.25	166.55	....	....	51
16	....	....	....	0.25N	0.25	168.95	....	....	51
19	0.20	0.20	* 0.20	0.20	0.20	170.15	....	11	62
20	....	....	....	0.20N	0.20	171.25	....	....	62
21	....	....	....	0.20N	0.20	170.75	....	....	62
22	....	....	....	0.20N	0.20	171.70	....	....	62
23	....	....	* 0.15A	0.15A	0.15	171.40	....	....	62
26	0.10	0.10	* 0.10	0.10	0.10	171.50	....	5	67
27	....	....	....	0.10N	0.10	170.40	....	....	67
28	0.10	0.10	0.10	0.10	0.10	170.00	....	1	68
29	....	....	....	0.10N	0.10	169.40	....	....	68
30	0.05	0.05	* 0.05	0.05	0.05	168.25	....	1	68
IN OCTOBER									
3	0.05	0.05	0.05	0.05	0.05	168.45	....	14	68
4	0.05	0.05	0.05	0.05	0.05	168.50	....	3	68
5	0.05	0.05	0.05	0.05	0.05	170.10	....	15	83
6	....	....	....	0.05N	0.05	171.95	....	2	85
7	....	....	....	0.05N	0.05	172.10	....	....	85
10	....	....	....	0.05N	0.05	174.05	....	....	85
11	....	....	....	0.05N	0.05	171.60	....	....	85
12	0.05	0.05	0.05	0.05	0.05	171.05	....	5	87
13	....	....	....	0.05N	0.05	171.95	....	1	88
14	....	....	....	0.05N	0.05	171.65	....	....	88
17	....	....	....	0.05N	0.05	172.50	....	....	88
18	....	....	....	0.05N	0.05	169.95	....	....	88
19	....	....	....	0.05N	0.05	168.50	....	....	88
20	....	....	....	0.05N	0.05	168.90	....	....	88
21	....	....	....	0.05N	0.05	167.70	....	....	88
24	0.05	0.05	0.05	0.05	0.05	168.30	....	2	90
25	0.05	0.05	0.05	0.05	0.05	168.10	....	2	92
26	0.05	0.05	0.05	0.05	0.05	166.85	....	4	96
27	....	....	....	0.05N	0.05	167.15	....	....	96
28	....	....	....	0.05N	0.05	165.35	....	....	95
31	....	....	....	0.05N	0.05	165.45	....	....	95
IN NOVEMBER									
1	....	....	....	0.05N	0.05	165.60	....	....	95
2	....	....	....	0.05N	0.05	166.70	....	....	95
3	0.05	0.05	0.05	0.05	0.05	165.05	....	1	96
4	....	....	....	0.05N	0.05	164.20	....	....	95
7	....	....	....	0.05N	0.05	163.45	....	....	95
8	....	....	....	0.05N	0.05	163.75	....	....	95
9	....	....	....	0.05N	0.05	165.95	....	....	95
10	....	....	....	0.05N	0.05	166.20	....	....	95
11	....	....	....	0.05N	0.05	167.85	....	....	95
14	....	....	....	0.05N	0.05	167.80	....	....	95
15	....	....	....	0.05N	0.05	166.65	....	....	95
16	....	....	....	0.05N	0.05	166.80	....	....	95
17	....	....	....	0.05N	0.05	167.10	....	....	95
18	....	....	....	0.05N	0.05	166.70	....	....	95
21	....	....	....	0.05N	0.05	167.85	....	....	95
22	....	....	....	0.05N	0.05	167.85	....	....	95
23	....	....	....	0.05N	0.05	168.15	....	....	95
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	....	....	....	0.05N	0.05	166.90	....	....	95
29	....	....	....	0.05N	0.05	168.75	....	....	95
30	0.002	0.002	* 0.002	0.002	0.002	166.40	....	2	93

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 145.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.002N	0.002	167.45	....	....	93
2	....	....	....	0.002N	0.002	165.95	....	....	93
5	....	....	....	0.002N	0.002	166 80	....	....	93
6	....	....	....	0.002N	0.002	166.05	....	....	93
7	....	....	....	0.002N	0.002	166.75	....	....	93
8	....	....	....	0.002N	0.002	165.45	....	....	93
9	....	....	....	0.002N	0.002	165.30	....	....	93
12	....	....	....	0.002N	0 002	166.15	....	....	93
13	....	....	....	0.002N	0.002	165.00	....	....	93
14	....	....	....	0.002N	0.002	163.50	....	....	93
15	....	....	....	0.002N	0.002	161.67	....	....	....
DECEMBER 1983 150.00 PUTS IN MAY 1983									
26	1.30	# 1.30	* 1.30	1.30	1.30	168.65	....	2	2
27	....	....	....	1.30N	1.30	167.95	....	....	2
30	Exchange Closed, Memorial Day								
31	....	....	....	1.30N	1.30	164.30	....	....	2
IN JUNE									
1	....	....	....	1.30N	1.30	164.95	....	....	2
2	....	....	....	1.30N	1.30	166.55	....	....	2
3	....	....	....	1.30N	1.30	166.85	....	....	2
6	....	....	....	1.30N	1.30	167.95	....	....	2
7	....	# 1.50B	....	1.50B	1.50	163.70	....	....	2
8	....	....	....	1.50B	1.50	162.40	....	....	2
9	....	....	....	1.50B	1.50	163.70	....	....	2
10	....	....	....	1.50B	1.50	164.30	....	....	2
13	....	# 1.55B	....	1.55B	1.55	167 50	....	....	2
14	....	....	....	1.55N	1.55	167.25	....	....	2
15	....	....	....	1.55N	1.55	170.45	....	....	2
16	....	....	....	1.55N	1.55	172.40	....	....	2
17	....	....	1.30A	1.30A	1.30	172.65	....	....	2
20	....	1.35B	....	1.30N	1.30	171.85	....	....	2
21	....	....	....	1.30N	1.30	173.85	....	....	2
22	....	....	....	1.30N	1.30	173.00	....	....	2
23	....	1.50B	....	1.30N	1.30	173.15	....	....	2
24	....	....	....	1.30N	1.30	172.25	....	....	2
27	....	....	....	1.30N	1.30	170.65	....	....	2
28	....	....	....	1.30N	1.30	168.65	....	....	2
29	1.40	1.40	1.40	1.40	1.40	170.10	....	4	6
30	....	....	* 1.00A	1.00A	1.00	171.35	....	....	6
IN JULY									
1	....	....	....	1.00N	1.00	171.45	....	....	6
4	Exchange Closed, Independence Day								
5	....	....	....	1.00N	1.00	168.70	....	....	6
6	....	....	....	1.00N	1.00	171.00	....	....	6
7	....	....	....	1.00N	1.00	169.15	....	....	6
8	1.35	1.35	1.35	1.35	1.35	169.50	....	....	6
11	....	....	....	1.35N	1.35	170.00	....	....	6
12	....	....	....	1.35N	1.35	167.35	....	....	6
13	....	....	....	1.35N	1.35	168.10	....	....	6
14	....	....	....	1.35N	1.35	168.30	....	....	6
15	....	....	....	1.35N	1.35	166.30	....	....	6
18	....	....	....	1.35N	1.35	166.60	....	....	6
19	....	....	....	1.35N	1.35	167.50	....	....	6
20	1.35	1.35	1.35	1.35	1.35	171.65	....	1	7
21	....	....	1.05A	1.05A	1.05	172.25	....	....	7
22	....	....	....	1.05N	1.05	171.30	....	....	7
25	1.30	1.30	1.20A	1.30	1.05	172.35	....	....	7
26	....	....	* 0.90A	0.90A	0.90	172.65	....	1	8
27	....	....	....	0.90N	0.90	169.70	....	....	8
28	....	....	....	0.90N	0.90	166.95	....	....	8
29	....	....	....	0.90N	0.90	165.00	....	....	8

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 150.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	0.90N	0.90	164.40	....	....	8
2	....	1.50B	....	1.50B	1.50	164.30	....	....	8
3	....	# 1.60B	....	1.60B	1.60	165.70	....	....	8
4	....	# 1.75B	....	1.75B	1.75	162.85	....	....	8
5	2.20	# 2.00	2.00	2.00	2.00	164.10	....	8	16
8	2.20	# 2.20	2.20	2.20	2.20	161.90	....	2	18
9	2.30	# 2.30	2.10	2.10	2.10	162.75	....	5	23
10	....	....	....	2.10N	2.10	163.90	....	4	23
11	....	....	2.00A	2.00A	2.00	163.90	....	....	23
12	....	....	1.80A	1.80A	1.80	164.75	....	....	23
15	1.60	1.60	1.60	1.60	1.60	165.80	....	2	23
16	....	1.70B	....	1.60N	1.60	165.45	....	....	23
17	1.75	1.75	1.75	1.75	1.75	166.95	....	1	24
18	1.60	1.60	1.60	1.60	1.60	164.95	....	....	24
19	1.55	1.55	1.55	1.55	1.55	166.05	....	1	24
22	....	....	....	1.55N	1.55	165.65	....	....	24
23	....	....	....	1.55N	1.55	164.30	....	1	24
24	....	....	....	1.55N	1.55	162.70	....	....	24
25	1.75	1.75	1.50	1.50	1.50	162.80	....	10	31
26	1.55	1.55	1.55	1.55	1.55	163.85	....	2	31
29	....	....	1.50A	1.50A	1.50	164.25	....	....	31
30	....	....	....	1.50N	1.50	164.25	....	....	31
31	1.40	1.40	1.15A	1.15A	1.15	165.95	....	4	32
IN SEPTEMBER									
1	....	....	....	1.15N	1.15	166.00	....	....	32
2	1.00	1.00	1.00	1.00	1.00	166.70	....	2	34
5	Exchange Closed, Labor Day								
6	0.80	0.90	* 0.75	0.80	0.80	169.60	....	17	50
7	0.80	0.80	0.75A	0.75A	0.75	170.10	....	12	58
8	....	....	....	0.75N	0.75	169.85	....	5	63
9	....	....	....	0.75N	0.75	168.55	....	....	63
12	0.60	0.60	* 0.60	0.60	0.60	166.60	....	7	63
13	0.75	0.75	0.75	0.75	0.70	166.95	....	3	65
14	....	....	....	0.70N	0.60	167.50	....	....	65
15	....	....	....	0.60N	0.60	166.55	....	....	65
16	0.50	0.50	* 0.50	0.50	0.50	168.95	....	4	65
19	0.45	0.45	* 0.35	0.35	0.35	170.15	....	9	66
20	....	....	....	0.35N	0.35	171.25	....	....	66
21	0.35	0.35	* 0.30	0.30	0.30	170.75	....	12	76
22	0.30	0.30	0.30	0.30	0.30	171.70	....	1	76
23	0.25	0.25	* 0.25	0.25	0.25	171.40	....	1	77
26	0.20	0.20	* 0.20	0.20	0.20	171.50	....	2	76
27	....	....	....	0.20N	0.20	170.40	....	....	76
28	....	....	....	0.20N	0.20	170.00	....	....	76
29	0.20	0.20	0.20	0.20	0.20	169.40	....	1	77
30	....	....	....	0.20N	0.20	168.25	....	....	77
IN OCTOBER									
3	0.25	0.25	0.20	0.20	0.20	168.45	....	10	79
4	....	....	....	0.20N	0.20	168.50	....	3	79
5	0.20	0.20	* 0.15	0.15	0.15	170.10	....	4	83
6	0.15	0.15	0.15	0.15	0.15	171.95	....	1	83
7	0.10	0.10	* 0.10	0.10	0.10	172.10	....	6	85
10	0.10	0.10	0.10	0.10	0.10	174.05	....	4	85
11	....	....	....	0.10N	0.10	171.60	....	....	85
12	0.10	0.10	0.10	0.10	0.10	171.05	....	2	87
13	....	....	....	0.10N	0.10	171.95	....	....	87
14	....	....	....	0.10N	0.10	171.65	....	....	87
17	0.05	0.05	* 0.05	0.05	0.05	172.50	....	1	88
18	....	....	....	0.05N	0.05	169.95	....	....	88
19	0.05	0.05	0.05	0.05	0.05	168.50	....	3	87
20	....	....	....	0.05N	0.05	168.90	....	....	87
21	....	....	....	0.05N	0.05	167.70	....	....	87
24	0.15	0.15	0.10A	0.10A	0.10	168.30	....	1	88
25	....	....	....	0.10N	0.10	168.10	....	....	88
26	....	....	....	0.10N	0.10	166.85	....	....	88
27	....	....	....	0.10N	0.10	167.15	....	....	88
28	0.05	0.05	0.05	0.05	0.05	165.35	....	1	88
31	0.10	0.10	0.10	0.10	0.10	165.45	....	10	97

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 150.00 PUTS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1	0.05	0.05	0.05	0.05	0.05	165.60	....	1	96
2	0.05	0.05	0.05	0.05	0.05	166.70	....	16	112
3	0.05	0.05	0.05	0.05	0.05	165.05	....	7	119
4	0.05	0.15	0.05	0.10	0.10	164.20	....	11	123
7	0.05	0.10	0.05	0.05	0.05	163.45	....	13	129
8	0.05	0.10	0.05	0.05	0.05	163.75	....	9	135
9	0.10	0.10	0.05	0.05A	0.05	165.95	....	36	168
10	0.05	0.05	0.05	0.05	0.05	166.20	....	7	170
11	....	....	....	0.05N	0.05	167.85	....	5	170
14	....	....	....	0.05N	0.05	167.80	....	5	172
15	0.05	0.05	0.05	0.05	0.05	166.65	....	10	182
16	....	....	....	0.05N	0.05	166.80	....	....	182
17	....	....	....	0.05N	0.05	167.10	....	....	182
18	....	....	....	0.05N	0.05	166.70	....	....	182
21	....	....	....	0.05N	0.05	167.85	....	....	182
22	....	....	....	0.05N	0.05	167.85	....	....	182
23	....	....	....	0.05N	0.05	168.15	....	....	182
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	....	....	....	0.05N	0.05	166.90	....	....	182
29	....	....	....	0.05N	0.05	168.75	....	....	182
30	....	....	....	0.05N	0.05	166.40	....	....	182
IN DECEMBER									
1	....	....	....	0.05N	0.05	167.45	....	....	182
2	....	....	....	0.05N	0.05	165.95	....	....	182
5	....	....	....	0.05N	0.05	166.80	....	....	182
6	....	....	....	0.05N	0.002	166.05	....	....	182
7	....	....	....	0.002N	0.002	166.75	....	....	182
8	....	....	....	0.002N	0.002	165.45	....	....	182
9	....	....	....	0.002N	0.002	165.30	....	....	182
12	0.002	0.002	* 0.002	0.002	0.002	166.15	....	2	182
13	0.002	0.002	0.002	0.002	0.002	165.00	....	2	180
14	0.002	0.002	0.002	0.002	0.002	163.50	....	4	178
15	....	....	....	0.002N	0.002	161.67	....	....	....
DECEMBER 1983 155.00 PUTS **IN APRIL 1983**									
29	5.40	# 5.40	* 5.40	5.40	5.40	166.40	....	1	1
IN MAY									
2	....	....	....	5.40N	5.40	165.30	....	....	1
3	....	....	....	5.40N	5.40	165.50	....	....	1
4	....	....	* 5.00A	5.00A	5.00	166.50	....	....	1
5	....	....	* 4.50A	4.50A	4.50	167.10	....	....	1
6	....	....	* 4.45A	4.45A	4.45	167.50	....	....	1
9	....	....	....	4.45N	4.45	169.55	....	....	1
10	....	....	....	4.45N	4.45	169.60	....	....	1
11	....	4.60B	....	4.60B	4.60	168.40	....	....	1
12	....	....	....	4.60N	4.60	167.60	....	....	1
13	4.35	4.35	* 4.35	4.35	4.35	168.30	....	1	2
15	....	....	....	4.35N	4.35	166.65	....	....	2
17	....	....	....	4.35N	4.35	167.00	....	....	2
18	....	4.50B	....	4.50B	4.50	165.55	....	....	2
19	....	....	....	4.50N	4.50	164.65	....	....	2
20	....	....	....	4.50N	4.50	164.35	....	....	2
23	....	....	....	4.50N	4.50	166.35	....	....	2
24	....	....	4.45A	4.45A	4.45	168.80	....	....	2
25	....	....	* 2.95A	2.95A	2.95	169.55	....	....	2
26	....	....	....	2.95N	2.95	168.65	....	....	2
27	....	....	....	2.95N	2.95	167.95	....	....	2
30	Exchange Closed, Memorial Day								
31	....	....	....	2.95N	2.95	164.30	....	....	2

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 155.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	2.95N	2.95	164.95	....	....	2
2....	....	....	....	2.95N	2.95	166.55	....	....	2
3....	....	....	....	2.95N	2.95	166.85	....	....	2
6....	....	....	* 2.50A	2.50A	2.50	167.95	....	....	2
7....	....	3.00B	....	3.00B	3.00	163.70	....	....	2
8....	....	....	....	3.00N	3.00	162.40	....	....	2
9....	....	....	....	3.00N	3.00	163.70	....	....	2
10....	....	....	....	3.00N	3.00	164.30	....	....	2
13....	....	....	....	3.00N	3.00	167.50	....	....	2
14....	....	....	....	3.00N	3.00	167.25	....	....	2
15....	....	....	....	3.00N	3.00	170.45	....	....	2
16....	....	....	....	3.00N	3.00	172.40	....	....	2
17....	2.00	2.00	* 2.00	2.00	2.00	172.65	....	3	5
20....	....	2.20B	....	2.00N	2.00	171.85	....	....	5
21....	....	2.05B	....	2.05B	2.05	173.85	....	....	5
22....	2.00	2.00	2.00	2.00	2.00	173.00	....	1	6
23....	....	2.20B	....	2.00N	2.00	173.15	....	....	6
24....	....	....	....	2.00N	2.00	172.25	....	....	6
27....	....	....	....	2.00N	2.00	170.65	....	....	6
28....	....	....	....	2.00N	2.00	168.65	....	....	6
29....	2.55	2.55	2.55	2.55	2.55	170.10	....	5	11
30....	....	3.00B	2.05A	2.05A	2.05	171.35	....	....	11
				IN JULY					
1....	....	....	....	2.05N	2.05	171.45	....	....	11
4....	Exchange Closed, Independence Day								
5....	....	2.80B	....	2.05N	2.05	168.70	....	....	11
6....	....	....	....	2.05N	2.05	171.00	....	....	11
7....	2.00	2.10B	2.00	2.10B	2.10	169.15	....	5	16
8....	....	....	....	2.10N	2.10	169.50	....	....	16
11....	....	....	....	2.10N	2.10	170.00	....	...	16
12....	....	2.25B	....	2.25B	2.25	167.35	....	....	16
13....	....	....	....	2.25N	2.25	168.10	....	....	16
14....	....	....	....	2.25N	2.25	168.30	....	1	17
15....	....	2.30B	....	2.30B	2.30	166.30	....	....	17
18....	....	....	....	2.30N	2.30	166.60	....	....	17
19....	....	....	....	2.30N	2.30	167.50	....	....	17
20....	....	....	....	2.30N	2.30	171.65	....	....	17
21....	....	....	2.00A	2.00A	2.00	172.25	....	....	17
22....	....	....	....	2.00N	2.00	171.30	....	....	17
25....	....	....	....	2.00N	2.00	172.35	....	....	17
26....	....	....	....	2.00N	2.00	172.65	....	....	17
27....	....	....	....	2.00N	2.00	169.70	....	....	17
28....	....	....	....	2.00N	2.00	166.95	....	....	17
29....	....	....	....	2.00N	2.00	165.00	....	....	17
				IN AUGUST					
1....	2.75	2.75	2.75	2.75	2.75	164.40	....	2	19
2....	2.75	2.75	2.50A	2.75	2.75	164.30	....	2	21
3....	....	....	....	2.75N	2.75	165.70	....	....	21
4....	....	3.00B	....	3.00B	3.00	162.85	....	....	21
5....	3.25	3.25	3.25	3.25	3.25	164.10	....	1	22
8....	4.00	4.00	4.00	4.00	4.00	161.90	....	3	25
9....	3.80	3.80	3.80	3.80	3.60	162.75	....	6	31
10....	3.70	3.70	3.50	3.50	3.50	163.90	....	42	73
11....	2.60	2.60	2.60	2.60	2.60	163.90	....	1	73
12....	2.70	2.70	2.70	2.70	2.70	164.70	....	2	74
15....	2.60	2.70B	2.60	2.60	2.60	165.80	....	1	74
16....	....	2.70B	....	2.60N	2.60	165.45	....	....	74
17....	2.90	2.90	2.30	2.30	2.30	166.95	....	4	75
18....	2.25	2.25	2.25	2.25	2.25	164.95	....	1	75
19....	....	2.35B	....	2.35B	2.35	166.05	....	....	75
22....	2.25	2.25	* 1.90	1.90	2.10	165.65	....	2	76
23....	2.30	2.35B	2.30	2.30	2.30	164.30	....	1	77
24....	....	....	....	2.30N	2.30	162.70	....	....	77
25....	2.80	3.00B	2.70	2.70	2.70	162.80	...	15	79
26....	....	....	2.50A	2.50A	2.50	163.85	....	....	78
29....	2.70	2.70	2.55A	2.55A	2.55	164.25	....	2	78
30....	....	....	2.50A	2.50A	2.50	164.25	....	1	79
31....	2.30	2.30	1.90	1.95B	1.95	165.95	....	15	90

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 155.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	2.10	2.10	2.00	2.00	2.00	166.00	....	2	91
2....	1.90	1.90	1.90	1.90	1.90	166.70	....	1	91
5....	Exchange Closed, Labor Day								
6....	1.60	1.80	* 1.60	1.60	1.60	169.60	....	12	99
7....	1.30	1.45	* 1.30	1.40	1.30	170.10	....	8	103
8....	....	....	....	1.30N	1.30	169.85	....	3	103
9....	1.20	1.20	* 1.10	1.20	1.20	168.55	....	8	106
12....	1.00	1.30	* 1.00	1.20	1.20	166.60	....	4	107
13....	1.45	1.45	1.35	1.35	1.40	166.95	....	4	109
14....	1.25	1.30	1.25	1.25	1.25	167.50	....	8	114
15....	1.30@.35	1.35	1.20	1.25	1.25	166.55	....	23	135
16....	1.25	1.25	* 0.90	0.90	0.90	168.95	....	59	153
19....	0.90	0.90	* 0.65	0.65	0.65	170.15	....	11	153
20....	0.65	0.65	* 0.60	0.60	0.60	171.25	....	8	157
21....	0.60	0.65B	0.60	0.60	0.60	170.75	....	9	160
22....	0.70	0.70	* 0.50	0.50	0.50	171.70	....	2	143
23....	....	....	....	0.50N	0.50	171.40	....	5	148
26....	....	....	* 0.45A	0.45A	0.45	171.50	....	....	144
27....	0.50	0.50	0.50	0.50	0.50	170.40	....	2	139
28....	....	....	....	0.50N	0.50	170.00	....	....	134
29....	0.60	0.60	0.50A	0.60	0.50	169.40	....	16	149
30....	0.60	0.65	0.50	0.50	0.50	168.25	....	40	167
				IN OCTOBER					
3....	0.50	0.50	0.50	0.50	0.50	168.45	....	22	162
4....	0.45	0.45	* 0.40	0.40	0.40	168.50	....	4	164
5....	0.35	0.35	* 0.35	0.35	0.35	170.10	....	14	169
6....	0.25	0.25	* 0.25	0.25	0.25	171.95	....	8	171
7....	0.20	0.20	* 0.15	0.15	0.15	172.10	....	3	174
10....	0.25	0.25	0.15	0.15	0.15	174.05	....	10	178
11....	0.20	0.30	0.20	0.30	0.30	171.60	....	36	168
12....	0.15	0.25	0.15	0.20	0.20	171.05	....	13	175
13....	....	....	....	0.20N	0.20	171.95	....	....	175
14....	0.15	0.25	0.15	0.25	0.25	171.65	....	17	189
17....	0.20	0.20	0.15	0.15	0.15	172.50	....	7	188
18....	0.25	0.25	0.25	0.25	0.25	169.95	....	5	188
19....	0.30	0.35	0.30	0.35	0.35	168.50	....	11	190
20....	0.25	0.25	0.25	0.25	0.25	168.90	....	4	193
21....	0.20	0.30	0.20	0.30	0.30	167.70	....	32	220
24....	0.50	0.50	0.30	0.30	0.30	168.30	....	11	223
25....	0.25	0.25	0.20	0.20	0.20	168.10	....	7	228
26....	0.20	0.30	0.20	0.30	0.30	166.85	....	22	244
27....	0.35	0.35	0.30	0.30	0.30	167.15	....	6	250
28....	0.40	0.45	0.40	0.40	0.40	165.35	....	13	252
31....	0.30	0.40	0.30	0.35	0.35	165.45	....	11	252
				IN NOVEMBER					
1....	0.35	0.35	0.30	0.30	0.30	165.60	....	27	253
2....	0.20	0.20	0.20	0.20	0.20	166.70	....	6	256
3....	0.20	0.25	0.20	0.20	0.20	165.05	....	12	257
4....	0.30	0.45	0.30	0.40	0.40	164.20	....	21	268
7....	0.40	0.45	0.35	0.35	0.35	163.45	....	29	290
8....	0.40	0.40	0.30	0.35	0.35	163.75	....	45	301
9....	0.35	0.35	0.20	0.20	0.20	165.95	....	33	321
10....	0.20	0.20	0.15	0.15	0.15	166.20	....	10	324
11....	0.15	0.15	* 0.05	0.05	0.05	167.85	....	24	330
14....	0.05	0.05	0.05	0.05	0.05	167.80	....	29	338
15....	0.10	0.15	0.10	0.10	0.10	166.65	....	61	345
16....	0.10	0.10	0.10	0.10	0.10	166.80	....	20	364
17....	0.10	0.10	0.05	0.05	0.05	167.10	....	10	387
18....	0.10	0.10	0.05	0.05	0.05	166.70	....	16	398
21....	0.05	0.05	0.05	0.05	0.05	167.85	....	4	388
22....	0.05	0.05	0.05	0.05	0.05	167.85	....	34	422
23....	0.05	0.05	0.05	0.05	0.05	168.15	....	70	492
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.05	0.05	* 0.002	0.002	0.002	166.90	....	14	493
29....	0.05	0.05	0.05	0.05	0.05	168.75	....	4	490
30....	....	....	....	0.05N	0.05	166.40	....	....	490

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 155.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	0.002	0.002	0.002	0.002	0.002	167.45	....	1	490
2....	0.002	0.002	0.002	0.002	0.002	165.95	....	2	488
5....	....	....	....	0.002N	0.002	166.80	....	....	488
6....	....	....	....	0.002N	0.002	166.05	....	....	488
7....	....	....	....	0.002N	0.002	166.75	....	....	487
8....	0.002	0.002	0.002	0.002	0.002	165.45	....	5	482
9....	....	....	....	0.002N	0.002	165.30	....	....	482
12....	....	....	....	0.002N	0.002	166.15	....	....	482
13....	....	....	....	0.002N	0.002	165.00	....	....	482
14....	0.002	0.002	0.002	0.002	0.002	163.50	....	10	472
15....	....	....	....	0.002N	0.002	161.67	....	....	....
16....	....	....	....	....	....	....	....	....	....
19....	....	....	....	....	....	....	....	....	....
20....	....	....	....	....	....	....	....	....	....
21....	....	....	....	....	....	....	....	1	....

DECEMBER 1983 160.00 PUTS
IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
14....	4.50	# 4.50	* 4.50	4.50	4.50	167.25	....	1	1
15....	....	....	....	4.50N	4.50	170.45	....	....	1
16....	3.50	3.50	* 3.50	3.50	3.50	172.40	....	1	2
17....	....	....	....	3.50N	3.50	172.65	....	....	2
20....	....	3.60B	* 3.20A	3.50N	3.50	171.85	....	....	2
21....	....	3.55B	3.25A	3.25A	3.25	173.85	....	....	2
22....	....	....	* 2.80A	2.80A	2.80	173.00	....	....	2
23....	....	3.20B	* 2.70A	2.70A	2.70	173.15	....	....	2
24....	....	....	....	2.70N	2.70	172.25	....	....	2
27....	....	....	....	2.70N	2.70	170.65	....	....	2
28....	....	....	....	2.70N	2.70	168.65	....	....	2
29....	...	3.40B	....	3.40B	3.40	170.10	....	....	2
30....	....	....	....	3.40N	3.40	171.35	....	....	2

IN JULY

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	3.40N	3.40	171.45	....	....	2
4....	Exchange Closed, Independence Day								
5....	3.25	3.25	3.25	3.25	3.25	168.70	....	5	7
6....	....	....	....	3.25N	3.25	171.00	....	....	7
7....	....	3.30B	3.00A	3.30B	3.30	169.15	....	....	7
8....	3.70	3.70	3.70	3.70	3.70	169.50	....	1	8
11....	....	....	....	3.70N	3.70	170.00	....	....	8
12....	....	....	....	3.70N	3.70	167.35	....	....	8
13....	3.90	3.90	3.90	3.90	3.90	168.10	....	....	8
14....	....	....	....	3.90N	3.90	168.30	....	1	8
15....	....	....	....	3.90N	3.90	166.30	....	....	8
18....	....	....	....	3.90N	3.90	166.60	....	....	8
19....	....	....	....	3.90N	3.90	167.50	....	....	8
20....	3.50	3.50	3.10	3.10	3.00	171.65	....	50	54
21....	2.80	2.80	2.80	2.80	2.80	172.25	....	20	64
22....	2.90	2.90	2.90	2.90	2.90	171.30	....	5	69
25....	....	....	....	2.90N	2.90	172.35	....	....	69
26....	....	....	2.80A	2.80A	2.80	172.65	....	....	69
27....	....	....	....	2.80N	2.80	169.70	....	....	69
28....	....	....	....	2.80N	3.20	166.95	....	....	69
29....	3.20	4.20	3.20	4.00A	3.90	165.00	....	3	69

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 160.00 PUTS
IN AUGUST 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer- cises	Volume (Trades Cleared)	Open Interest
1....	4.00	4.50	4.00	4.00	4.00	164.40	....	5	70
2....	4.00	4.00	4.00	4.00	4.00	164.30	....	1	70
3....	4.40	# 4.55B	4.10A	4.10A	4.10	165.70	....	6	72
4....	5.50	# 5.90	5.30A	5.30A	5.10	162.85	....	28	94
5....	5.00	5.20B	5.00	5.00	4.70	164.10	....	1	95
8....	....	5.30B	....	5.30B	5.30	161.90	....	....	95
9....	5.00	5.00	5.00	5.00	5.00	162.75	....	1	96
10....	5.50	5.50	5.00	5.00	5.00	163.90	....	47	121
11....	4.70	4.70	4.50	4.50	4.50	163.90	....	2	122
12....	....	....	....	4.50N	4.50	164.70	....	....	122
15....	3.90	3.90	3.80	3.90	3.90	165.80	....	3	102
16....	4.30	4.30	4.20	4.20	4.10	165.45	....	5	106
17....	4.20	4.50	4.00A	4.00A	3.60	166.95	....	99	161
18....	4.00	4.00	4.00	4.00	4.00	164.95	....	5	161
19....	4.50	4.50	4.10A	4.50	3.70	166.05	....	8	162
22....	3.50	3.65	3.50	3.50	3.60	165.65	....	6	163
23....	....	4.00B	....	4.00B	3.90	164.30	....	....	163
24....	3.70	4.20	3.70	4.20	4.30	162.70	....	6	164
25....	....	4.80B	....	4.40B	4.30	162.80	....	....	164
26....	4.30	4.40B	4.00	4.20	4.20	163.85	....	6	163
29....	4.35	4.40B	3.80	3.95	3.95	164.25	....	23	171
30....	4.00	4.00	3.70A	4.00	3.70	164.25	....	5	173
31....	3.70	3.70	3.40A	3.40A	3.40	165.95	....	1	173
				IN SEPTEMBER					
1....	3.50	3.50	3.20	3.25B	3.25	166.00	....	13	183
2....	3.05	3.15	2.80	3.15	3.00	166.70	....	27	172
5....	Exchange Closed, Labor Day								
6....	2.80	2.80	* 2.30A	2.30A	2.30	169.60	....	6	171
7....	2.15	2.40	* 2.10	2.20A	2.20	170.10	....	14	176
8....	2.30	2.30	* 1.80	1.80	1.80	169.85	....	44	197
9....	1.80	2.10	1.80	2.05	2.05	168.55	....	22	167
12....	1.60	2.60	* 1.60	2.60	2.60	166.60	....	21	166
13....	2.60	2.70	2.50	2.60	2.50	166.95	....	20	171
14....	2.60	2.60	2.30	2.30	2.30	167.50	....	12	177
15....	2.10	2.40	2.10	2.25	2.25	166.55	....	15	168
16....	2.25	2.25	1.70A	1.70A	1.70	168.95	....	29	190
19....	1.70	1.70	* 1.40	1.50	1.45	170.15	....	47	214
20....	1.35	1.35	* 1.20	1.20	1.20	171.25	....	19	218
21....	1.15	1.25B	* 1.15	1.25	1.25	170.75	....	16	219
22....	1.35	1.35	* 1.00	1.00	1.00	171.70	....	30	230
23....	1.05	1.15	1.05	1.10	1.10	171.40	....	36	237
26....	1.00	1.00	* 0.75	0.75	0.90	171.50	....	27	235
27....	0.90	1.25	0.90	1.20	1.20	170.40	....	17	247
28....	1.20	1.20	1.15A	1.15A	1.15	170.00	....	6	248
29....	1.15	1.15	1.15	1.15	1.15	169.40	....	2	248
30....	1.20	1.20	1.10	1.20	1.20	168.25	....	22	248
				IN OCTOBER					
3....	1.25	1.25	1.15	1.15A	1.15	168.45	....	14	251
4....	1.15	1.15	1.00	1.05	1.05	168.50	....	46	247
5....	1.00	1.05	0.85	0.85	0.85	170.10	....	26	256
6....	0.85	0.85	* 0.55	0.55	0.55	171.95	....	33	256
7....	0.50	0.55	* 0.50	0.50	0.50	172.10	....	15	264
10....	0.55	0.55	* 0.35	0.35	0.35	174.05	....	26	279
11....	0.40	0.65	0.40	0.65	0.65	171.60	....	19	284
12....	0.60	0.70	0.55	0.65	0.65	171.05	....	12	290
13....	0.60	0.65	0.50	0.55	0.55	171.95	....	25	310
14....	0.45	0.50	0.45	0.50	0.50	171.65	....	19	323
17....	0.50	0.50	0.40	0.40	0.40	172.50	....	11	328
18....	0.40	0.60	0.40	0.60	0.60	169.95	....	31	327
19....	0.65	0.85	0.60	0.70	0.70	168.50	....	96	349
20....	0.65	0.65	0.60	0.60	0.60	168.90	....	91	416
21....	0.60	1.15	0.60	0.75	0.75	167.70	....	283	604
24....	1.10	1.10	0.75A	0.75A	0.75	168.30	....	29	616
25....	0.70	0.80	0.65	0.75B	0.75	168.10	....	129	536
26....	0.75	0.85	0.70	0.85B	0.85	166.85	....	35	546
27....	0.90	0.95	0.80	0.80A	0.80	167.15	....	32	562
28....	0.80	1.40	0.80	1.25	1.25	165.35	....	92	540
31....	1.10@.05	1.55	1.00	1.15	1.15	165.45	....	133	588

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 160.00 PUTS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	1.20	1.55	1.10	1.10	1.10	165.60	....	171	615
2....	1.05	1.10	0.90	0.90	0.90	166.70	....	88	649
3....	1.00	1.25	0.90	1.20A	1.10	165.05	....	8	621
4....	1.20	1.55	1.20	1.35A	1.35	164.20	....	47	629
7....	1.35	1.45	1.20A	1.45	1.45	163.45	....	56	664
8....	1.30	1.40	1.10	1.30	1.30	163.75	....	71	648
9....	1.25	1.25	0.75	0.75	0.75	165.95	....	66	663
10....	0.80	0.80	0.60	0.70	0.70	166.20	....	38	684
11....	0.65	0.65	0.40	0.40	0.40	167.85	....	68	726
14....	0.50	0.50	* 0.30	0.40B	0.40	167.80	....	152	766
15....	0.45	0.50	0.40	0.50	0.50	166.65	....	70	791
16....	0.45	0.50	0.35	0.35	0.35	166.80	....	60	788
17....	0.40	0.45	0.30	0.35	0.35	167.10	....	67	803
18....	0.45	0.55	0.35	0.35	0.35	166.70	....	64	856
21....	0.30	0.35	* 0.15	0.15	0.15	167.85	....	121	838
22....	0.15	0.20	0.15	0.15	0.15	167.85	....	73	859
23....	0.20	0.25	* 0.10	0.15@.10	.10	168.15	....	45	873
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.15	0.20	0.15	0.15	0.15	166.90	....	16	874
29....	0.20	0.20	* 0.05	0.05	0.05	168.75	....	27	878
30....	0.05	0.15	0.05	0.10	0.10	166.40	....	89	921

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	0.10	0.10	0.05	0.05	0.05	167.45	....	27	923
2....	0.10	0.15	0.10	0.15	0.10	165.95	....	27	940
5....	0.05	0.05	0.05	0.05	0.05	166.80	....	3	946
6....	0.05	0.10	0.05	0.05	0.05	166.05	....	227	876
7....	0.05	0.05	0.05	0.05	0.05	166.75	....	73	898
8....	0.05	0.05	* 0.002	0.05	0.05	165.45	....	31	894
9....	0.05	0.05	0.05	0.05	0.05	165.30	....	9	894
12....	0.05	0.05	0.05	0.05	0.05	166.15	....	37	893
13....	0.002	0.002	0.002	0.002	0.002	165.00	....	3	881
14....	0.002	0.002	0.002	0.002	0.002	163.50	....	6	875
15....	0.002	0.002	0.002	0.002	0.002	161.67	....	5	....

DECEMBER 1983 165.00 PUTS
IN MAY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
17....	7.00	# 7.05	* 7.00	7.05	7.05	167.00	....	2	2
18....	....	....	....	7.05N	7.05	165.55	....	....	2
19....	....	# 7.80B	....	7.80B	7.80	164.65	....	....	2
20....	....	....	....	7.80N	7.80	164.35	....	....	2
23....	....	....	....	7.80N	7.80	166.35	....	....	1
24....	....	....	7.75A	7.75A	7.75	168.80	....	....	....

IN JUNE 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
24....	4.00	4.00	* 4.00	4.00	4.00	172.25	....	18	18
27....	....	4.30B	....	4.30B	4.30	170.65	....	....	18
28....	5.10	5.10	5.10	5.10	5.10	168.65	....	1	18
29....	....	....	....	5.10N	5.10	170.10	....	....	18
30....	....	....	....	5.10N	5.10	171.35	....	....	18

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 165.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	5.10N	5.10	171.45	....	....	18
4	Exchange Closed, Independence Day								
5	....	....	....	5.10N	5.10	168.70	....	....	18
6	....	5.20B	5.00A	5.00A	5.00	171.00	....	....	18
7	....	....	....	5.00N	5.00	169.15	....	....	18
8	5.25	5.25	5.25	5.25	5.25	169.50	....	....	18
11	....	....	....	5.25N	5.25	170.00	....	....	18
12	5.20	6.00	5.20	6.00	6.00	167.35	....	5	20
13	....	....	....	6.00N	6.00	168.10	....	2	22
14	....	....	....	6.00N	6.00	168.30	....	....	22
15	....	....	....	6.00N	6.00	166.30	....	....	22
18	6.50	6.50	6.50	6.50	6.50	166.60	....	2	22
19	....	....	....	6.50N	6.50	167.50	....	....	22
20	5.50	5.50	5.00	5.00	5.00	171.65	....	3	24
21	4.15	4.15	4.15	4.15	4.15	172.25	....	1	24
22	....	4.20B	....	4.25B	4.25	171.30	....	....	23
25	4.00	4.00	4.00	4.00	4.00	172.35	....	1	23
26	4.00	4.00	4.00	4.00	4.00	172.65	....	1	24
27	....	....	....	4.00N	4.00	169.70	....	....	24
28	....	....	....	4.00N	4.50	166.95	....	....	24
29	5.50	5.75	5.50	5.50	5.50	165.00	....	4	25
IN AUGUST									
1	....	6.30B	....	6.30B	6.30	164.40	....	1	26
2	6.30	6.30	6.30	6.30	6.30	164.30	....	3	27
3	6.50	6.50	6.30	6.30	6.30	165.70	....	6	29
4	....	7.50B	....	7.50B	7.50	162.85	....	10	39
5	7.50	7.50	7.50	7.50	7.10	164.10	....	6	45
8	....	7.70B	....	7.70B	7.70	161.90	....	....	45
9	7.50	7.50	7.50	7.50	7.50	162.75	....	3	47
10	....	....	....	7.50N	7.50	163.90	....	....	47
11	....	....	....	7.50N	7.50	163.90	....	....	47
12	7.00	7.00	6.35	6.35	6.35	164.70	....	9	51
15	5.75	6.00	5.75	6.00	6.00	165.80	....	10	49
16	6.70	6.70	6.50	6.50	6.20	165.45	....	4	49
17	6.20	6.20	6.00A	6.00A	5.50	166.95	....	1	50
18	5.75	5.75	5.75	5.75	6.00	164.95	....	2	50
19	....	....	....	6.00N	5.50	166.05	....	....	50
22	5.60	5.70B	5.25A	5.60	5.60	165.65	....	1	50
23	....	6.30B	....	6.30B	6.20	164.30	....	....	50
24	6.20	6.50B	6.20	6.50B	6.60	162.70	....	3	53
25	6.70	7.00B	6.70	7.00B	6.80	162.80	....	5	46
26	6.95	6.95	6.50	6.50	6.40	163.85	....	23	63
29	7.00	7.00	6.25A	6.25A	6.25	164.25	....	12	73
30	6.10	6.10	6.10	6.10	6.10	164.25	....	1	74
31	5.50	5.50	5.20	5.20	5.20	165.95	....	6	77
IN SEPTEMBER									
1	4.90	4.90	4.90	4.90	4.90	166.00	....	2	77
2	....	....	....	4.90N	4.70	166.70	....	....	77
5	Exchange Closed, Labor Day								
6	4.50	4.50	* 3.90A	3.90A	3.90	169.60	....	27	62
7	3.70	3.70	* 3.40	3.40	3.40	170.10	....	7	62
8	3.10	3.10	* 3.10	3.10	3.25	169.85	....	5	65
9	3.60	3.60	3.60	3.60	3.60	168.55	....	2	66
12	2.80	4.50	* 2.80	4.50	4.50	166.60	....	21	70
13	4.60	4.80	4.50	4.80	4.40	166.95	....	8	71
14	4.50	4.50	4.10	4.20	4.20	167.50	....	11	80
15	4.10	4.30	3.90	4.30	4.30	166.55	....	24	91
16	4.30	4.30	3.15	3.20	3.20	168.95	....	35	108
19	3.10	3.15	* 2.60	2.70	2.70	170.15	....	131	203
20	2.60	2.60	* 2.30	2.35	2.35	171.25	....	42	211
21	2.35@.40	2.45	* 2.20	2.35	2.35	170.75	....	144	200
22	2.50	2.50	* 2.05A	2.10	2.10	171.70	....	31	204
23	2.10	2.30	* 2.05	2.10	2.10	171.40	....	132	311
26	2.00	2.25	* 1.70	1.85	1.85	171.50	....	36	318
27	2.00	2.55	2.00	2.20	2.20	170.40	....	50	336
28	2.30	2.50	2.25	2.25	2.35	170.00	....	33	340
29	2.40	2.40	2.10	2.30B	2.35	169.40	....	6	340
30	2.40	2.60	2.25A	2.40	2.40	168.25	....	144	298

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 165.00 PUTS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exercises	Volume (Trades Cleared)	Open Interest
3....	2.60	2.75	2.50A	2.50A	2.50	168.45	....	138	373
4....	2.55	2.55	2.20	2.40	2.40	168.50	....	74	385
5....	2.35	2.45	1.75	1.75	1.75	170.10	....	64	381
6....	1.85	1.90	* 1.30	1.30	1.30	171.95	....	25	388
7....	1.30@.25	1.35	* 1.20	1.30	1.30	172.10	....	42	406
10....	1.45	1.45	* 1.00	1.05	1.05	174.05	....	48	441
11....	1.05	1.35B	1.05	1.35B	1.35	171.60	....	43	452
12....	1.40	1.55	1.15	1.45A	1.45	171.05	....	70	504
13....	1.45	1.50	1.25	1.25	1.25	171.95	....	44	530
14....	1.20	1.40	1.15	1.20	1.20	171.65	....	89	534
17....	1.25	1.25	* 0.95	1.00	1.00	172.50	....	40	552
18....	1.05	1.60	1.05	1.55A	1.55	169.95	....	55	561
19....	1.65	2.25B	1.60	1.90A	1.85	168.50	....	78	552
20....	1.95	1.95	1.70	1.80A	1.80	168.90	....	29	551
21....	1.75	2.70	1.75	2.00	2.00	167.70	....	61	577
24....	2.70	2.80	2.00	2.00	2.00	168.30	....	53	591
25....	1.95	2.10	1.95	2.05	2.05	168.10	....	112	592
26....	2.05	2.40	2.00	2.35B	2.35	166.85	....	71	548
27....	2.50	2.50	2.20	2.25	2.20	167.15	....	109	588
28....	2.10	3.15	2.05	3.10	3.10	165.35	....	58	572
31....	3.00	3.50	2.65	2.95	3.15	165.45	....	72	577
				IN NOVEMBER					
1....	3.00	3.50	2.85	2.85	2.90	165.60	....	110	593
2....	2.75	2.85B	2.10	2.35	2.35	166.70	....	42	588
3....	2.40	3.05	2.40	3.50	3.10	165.05	....	32	597
4....	3.35	3.60	3.15	3.40	3.40	164.20	....	41	605
7....	3.40	3.60	2.90	3.60	3.65	163.45	....	47	613
8....	3.45	3.60	3.25A	3.50A	3.35	163.75	....	24	597
9....	3.10	3.10	2.25A	2.25A	2.25	165.95	....	42	623
10....	2.15	2.15	1.80	1.90	1.95	166.20	....	85	658
11....	1.90	2.00	1.25	1.25	1.30	167.85	....	85	642
14....	1.40	1.45	1.10	1.40	1.40	167.80	....	137	725
15....	1.50	1.90	1.25	1.75	1.75	166.65	....	127	754
16....	1.60	1.90B	1.40	1.60	1.60	166.80	....	126	705
17....	1.65	1.75B	1.35	1.45A	1.45	167.10	....	71	709
18....	1.45	1.90B	1.45	1.50	1.55	166.70	....	40	728
21....	1.40	1.40	* 0.90	0.95	0.95	167.85	....	707	1186
22....	0.90	0.95	* 0.80	0.95	0.95	167.85	....	298	1430
23....	0.95	1.20	0.80	0.80	0.80	168.15	....	72	1453
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	0.80	1.10	0.80	1.00	1.00	166.90	....	65	1482
29....	0.95	1.00	* 0.40	0.40	0.40	168.75	....	89	1502
30....	0.35	1.00	* 0.35	0.90	0.90	166.40	....	136	1547
				IN DECEMBER					
1....	1.00	1.00	0.70	0.75	0.75	167.45	....	364	1705
2....	0.75	1.10	0.70	1.00	1.00	165.95	....	142	1572
5....	1.05	1.20B	0.65A	0.65A	0.65	166.80	....	261	1505
6....	0.80	0.90	0.60	0.80A	0.75	166.05	....	335	1486
7....	0.70	0.80	0.45	0.55	0.55	166.75	....	626	1382
8....	0.60	1.00	0.50	0.75	0.75	165.45	....	299	1368
9....	0.75	1.10	0.60	0.70	0.70	165.30	....	285	1334
12....	0.50	0.60	* 0.30	0.30	0.30	166.15	....	303	1377
13....	0.45	0.50	0.35	0.50	0.50	165.00	....	246	1414
14....	0.50	1.55B	0.40	1.50	1.55	163.50	....	514	1291
15....	1.35@.30	3.20B	1.30	3.20B	3.35	161.67	2	169	1104
16....	....	....	....	....	....	....	1104	23	21
19....	....	....	....	....	....	....	21	18	18
20....	....	....	....	....	....	....	18	6	6
21....	....	....	....	....	....	....	6	2	2
22....	....	....	....	....	....	....	2	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 170.00 PUTS
IN JULY 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
20. . . .	7.10	# 7.10	* 6.70A	6.70A	6.70	171.65	. . . .	1	1
21. . . .	7.00	7.00	* 6.00	6.50	6.50	172.25	. . . .	6	5
22. . . .	6.00	6.00	6.00	6.00	6.00	171.30	. . . .	4	6
25. . . .	6.50	6.50	6.00	6.00	6.00	172.35	. . . .	4	10
26. . . .	5.50	5.50	* 5.50	5.50	5.50	172.65	. . . .	1	10
27. . . .	6.70	7.00	6.70	6.80A	6.80	169.70	. . . .	2	12
28. . . .	7.00	7.00	7.00	7.00	7.00	166.95	. . . .	10	22
29. . . .	. . . .	# 8.50	. . . .	8.50B	8.50	165.00	. . . .	. . . .	22
IN AUGUST									
1. . . .	. . . .	. . . .	. . . .	8.50N	8.50	164.40	. . . .	. . . .	22
2. . . .	. . . .	. . . .	. . . .	8.50N	8.50	164.30	. . . .	. . . .	22
3. . . .	. . . .	. . . .	. . . .	8.50N	8.50	165.70	. . . .	. . . .	22
4. . . .	. . . .	. . . .	. . . .	8.50N	9.50	162.85	. . . .	. . . .	22
5. . . .	. . . .	. . . .	. . . .	9.50N	9.50	164.10	. . . .	. . . .	22
8. . . .	. . . .	. . . .	. . . .	9.50N	9.50	161.90	. . . .	. . . .	22
9. . . .	. . . .	#10.50B	. . . .	10.50B	10.50	162.75	. . . .	. . . .	22
10. . . .	. . . .	. . . .	. . . .	10.50N	10.50	163.90	. . . .	. . . .	22
11. . . .	. . . .	. . . .	. . . .	10.50N	10.50	163.90	. . . .	. . . .	22
12. . . .	. . . .	. . . .	. . . .	10.50N	10.50	164.70	. . . .	. . . .	22
15. . . .	. . . .	. . . .	. . . .	10.50N	8.50	165.80	. . . .	. . . .	22
16. . . .	8.35	8.35	8.35	8.35	8.35	165.45	. . . .	1	22
17. . . .	. . . .	. . . .	8.00A	8.00A	7.50	166.95	. . . .	. . . .	22
18. . . .	. . . .	8.40B	. . . .	8.40B	8.70	164.95	. . . .	. . . .	22
19. . . .	. . . .	. . . .	. . . .	8.70N	7.50	166.05	. . . .	. . . .	22
22. . . .	7.20	8.00B	7.20	8.00B	8.30	165.65	. . . .	10	16
23. . . .	. . . .	8.70B	. . . .	8.70B	9.20	164.30	. . . .	. . . .	16
24. . . .	10.00	10.00	10.00	10.00	10.00	162.70	. . . .	10	26
25. . . .	. . . .	10.50B	9.80A	9.80A	10.00	162.80	. . . .	. . . .	26
28. . . .	. . . .	. . . .	. . . .	10.00N	10.00	163.85	. . . .	. . . .	26
29. . . .	. . . .	. . . .	. . . .	10.00N	10.00	164.25	. . . .	. . . .	26
30. . . .	. . . .	. . . .	8.80A	8.80A	8.80	164.25	. . . .	. . . .	26
31. . . .	. . . .	. . . .	8.50A	8.50A	8.30	165.95	. . . .	. . . .	26
IN SEPTEMBER									
1. . . .	. . . .	. . . .	7.90A	7.90A	7.90	166.00	. . . .	. . . .	26
2. . . .	. . . .	. . . .	7.40A	7.40A	7.40	166.70	. . . .	. . . .	26
5. . . .	Exchange Closed, Labor Day								
6. . . .	6.50	6.50	5.60	5.60	5.60	169.60	. . . .	23	36
7. . . .	5.85	5.85	* 5.40A	5.85	5.40	170.10	. . . .	10	46
8. . . .	. . . .	. . . .	. . . .	5.40N	5.40	169.85	. . . .	. . . .	46
9. . . .	5.70	6.10	5.50	6.00	6.00	168.55	. . . .	9	52
10. . . .	5.00	7.30	* 5.00	7.30	7.30	166.60	. . . .	33	80
13. . . .	. . . .	. . . .	7.20A	7.20A	7.00	166.95	. . . .	11	91
14. . . .	7.00	7.00	6.80	6.80A	6.60	167.50	. . . .	14	100
15. . . .	6.50	6.60B	6.30A	6.60B	6.90	166.55	. . . .	4	101
16. . . .	6.75	6.75	5.60A	5.60A	5.20	168.95	. . . .	5	101
19. . . .	5.00	5.20	* 4.50	4.60A	4.60	170.15	. . . .	24	101
20. . . .	4.20	4.25	* 3.90	3.90	3.90	171.25	. . . .	28	108
21. . . .	4.00	4.75	4.00	4.40A	4.40	170.75	. . . .	108	201
22. . . .	4.45	4.50	* 3.60	3.70@.60	3.70	171.70	. . . .	29	210
23. . . .	3.70	4.10	3.70	4.00	4.00	171.40	. . . .	47	238
26. . . .	3.60	4.10	* 3.55	3.80	3.80	171.50	. . . .	31	245
27. . . .	4.10	4.50B	4.00	4.40	4.20	170.40	. . . .	24	241
28. . . .	4.00	4.40	4.00	4.25A	4.25	170.00	. . . .	22	244
29. . . .	4.25	4.50	4.20	4.45	4.40	169.40	. . . .	8	250
30. . . .	4.40	4.90	4.40	4.80	4.80	168.25	. . . .	33	245

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 170.00 PUTS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3....	5.20	5.25	4.80A	4.80A	4.70	168.45	....	20	249
4....	4.55	4.60	4.25	4.60	4.60	168.50	....	17	254
5....	4.60	4.60	3.75	3.75	3.70	170.10	....	51	294
6....	3.70	3.70	• 2.50	2.50	2.55	171.95	....	30	308
7....	2.50	2.80	• 2.40	2.75	2.75	172.10	....	202	374
10....	2.95	3.00B	• 2.10	2.10	2.05	174.05	....	115	459
11....	2.20	2.95	2.10	2.95	2.90	171.60	....	63	462
12....	3.00	3.35	2.50	3.10	3.05	171.05	....	125	536
13....	3.00	3.25B	2.70	2.70	2.70	171.95	....	78	572
14....	2.75	3.00B	2.60	2.65B	2.65	171.65	....	73	588
17....	2.65	2.85	• 2.00	2.25	2.25	172.50	....	137	684
18....	2.45	3.75	2.30	3.40A	3.35	169.95	....	101	730
19....	3.70	4.80	3.50	4.10	4.10	168.50	....	212	753
20....	4.15	4.30B	3.80A	4.00	3.90	168.90	....	39	743
21....	3.90	5.15B	3.85A	4.55	4.55	167.70	....	80	707
24....	5.35	5.65	4.20	4.20	4.20	168.30	....	146	686
25....	4.00	4.25B	4.00	4.25B	4.35	168.10	....	31	643
26....	4.35	5.00B	4.20	5.00B	5.15	166.85	....	48	636
27....	5.10	5.25	4.90	5.00	4.90	167.15	....	35	617
28....	4.85	6.10B	4.75	6.05B	6.20	165.35	....	42	628
31....	5.70	6.80B	5.65A	6.00A	5.90	165.45	....	29	622

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	6.05	6.60	5.70A	5.80	5.80	165.60	....	29	622
2....	5.80	5.80	4.75A	4.95	5.05	166.70	....	30	630
3....	5.00	5.90	5.00	5.90	6.10	165.05	....	23	625
4....	6.25	7.00	6.10	6.60	6.65	164.20	....	20	623
7....	6.70	7.10	6.05	7.10B	7.25	163.45	....	10	608
8....	6.85	7.00B	6.60A	6.80	6.95	163.75	....	7	607
9....	5.85	5.90B	5.40A	5.40A	5.20	165.95	....	1	604
10....	4.90	5.15	4.60A	4.90A	4.90	166.20	....	6	598
11....	4.75	5.00	3.70	3.70	3.80	167.85	....	132	575
14....	3.60	3.75B	3.20	3.45	3.45	167.80	....	63	609
15....	3.70	4.30B	3.40	4.20B	4.25	166.65	....	25	618
16....	4.00	4.60B	3.80	4.30	4.10	166.80	....	38	610
17....	4.15	4.40B	3.50A	3.75	3.80	167.10	....	19	619
18....	4.00	4.80B	4.00	4.35A	4.15	166.70	....	20	614
21....	3.95	3.95	3.00	3.10	3.15	167.85	....	95	641
22....	2.90	3.10B	2.80A	3.00	3.05	167.85	....	25	630
23....	3.00	3.55	3.00	3.00A	2.85	168.15	....	45	626
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	3.15	3.90B	3.15	3.40	3.70	166.90	....	15	631
29....	2.50	3.75B	2.20	2.20	2.20	168.75	....	45	658
30....	2.10	3.95	• 1.95	3.90B	4.00	166.40	....	103	690

IN DECEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	3.95@4.05	4.05	3.30	3.40A	3.10	167.45	....	29	689
2....	3.50	4.55B	3.40	4.45	4.35	165.95	....	32	697
5....	4.50	5.00	3.50A	3.80	3.55	166.80	....	59	703
6....	3.55	4.20	3.50A	4.15A	4.10	166.05	....	12	703
7....	4.05	4.10B	3.10	3.50	3.40	166.75	....	94	667
8....	3.55	4.70B	3.55	4.70B	4.65	165.45	....	11	672
9....	4.30	5.25	4.30	4.60A	4.75	165.30	18	27	651
12....	4.50	4.50	3.90	3.90	3.90	166.15	1	38	623
13....	4.35	4.90	4.05A	4.90	5.00	165.00	....	43	577
14....	4.75	6.50B	4.70A	6.40B	6.50	163.50	9	120	497
15....	6.45	8.20B	6.35	8.20B	8.35	161.67	190	59	272
16....	....	....	....	....	....	....	272	7	6
19....	....	....	....	....	....	....	6	2	2
20....	....	....	....	....	....	....	2	....	....

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 175.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
12....	7.50	#10.00B	• 7.50	10.00B	10.50	166.60	....	5	5
13....	....	....	....	10.50N	10.00	166.95	....	5	10
14....	....	....	....	10.00N	9.75	167.50	....	2	12
15....	....	10.00B	....	10.00B	10.00	166.55	....	....	12
16....	....	....	8.40A	8.40A	8.40	168.95	....	....	12
19....	....	....	• 7.40A	7.40A	7.40	170.15	....	....	12
20....	7.20	7.20	• 6.25	6.25	6.40	171.25	....	63	58
21....	6.40	7.00B	6.40	7.00B	7.00	170.75	....	7	60
22....	7.10	7.20B	• 6.00	6.05B	6.05	171.70	....	19	63
23....	6.20	6.30B	6.10A	6.20	6.40	171.40	....	3	66
26....	6.15	6.45B	• 5.85	5.85	6.45	171.50	....	10	75
27....	6.70	7.50	6.50	7.10A	6.90	170.40	....	4	76
28....	7.10	7.25B	6.85	7.00	7.10	170.00	....	7	77
29....	7.15	7.40B	7.00	7.30B	7.55	169.40	....	4	81
30....	7.75	8.20	7.50A	8.20	8.20	168.25	....	2	80
IN OCTOBER									
3....	8.40	8.70B	8.15A	8.15A	8.15	168.45	....	5	79
4....	7.65	7.90B	7.40A	7.80A	7.70	168.50	....	2	74
5....	7.35	7.40	7.00A	7.00A	6.70	170.10	....	13	74
6....	....	....	• 5.35A	5.35A	5.30	171.95	....	2	73
7....	4.95	5.25B	• 4.85A	5.00	5.20	172.10	....	85	150
10....	5.00	5.50B	• 3.90	3.90	3.90	174.05	....	77	207
11....	4.10	5.30B	4.10	5.30B	5.45	171.60	....	11	207
12....	5.20	5.95B	5.10A	5.75A	5.70	171.05	....	70	174
13....	5.80	6.00B	5.30	5.30	5.25	171.95	....	41	177
14....	5.35	5.65B	5.20A	5.20A	5.35	171.65	....	3	178
17....	5.30	5.40B	4.40	5.00B	5.00	172.50	....	319	490
18....	5.20	6.95	4.85	6.70A	6.60	169.95	....	35	497
19....	6.80	8.30B	6.80	7.55	7.55	168.50	....	70	499
20....	7.25	7.60B	7.10A	7.40B	7.25	168.90	....	....	498
21....	7.30	9.05B	7.15A	8.25	8.25	167.70	....	186	653
24....	9.10	9.30	8.00	8.00	7.70	168.30	....	105	750
25....	7.30	7.80B	7.20	7.80B	7.85	168.10	....	95	749
26....	8.05	8.80B	7.80A	8.80B	8.80	166.85	....	19	655
27....	8.95	9.00B	8.70A	8.95	8.70	167.15	....	1	638
28....	8.50	#10.05	8.40A	10.00	10.10	165.35	....	131	638
31....	9.80	#11.00B	9.55A	10.40A	9.90	165.45	....	2	639
IN NOVEMBER									
1....	10.30	10.65B	9.85A	9.85A	9.70	165.60	....	5	635
2....	8.70	9.00B	8.70	8.70	8.80	166.70	....	5	334
3....	10.00	10.00	9.30A	10.00	10.25	165.05	....	1	634
4....	10.50	#11.10B	10.50	10.50	10.90	164.20	....	1	634
7....	....	#11.50B	10.30A	11.50B	11.70	163.45	....	....	634
8....	....	....	10.90A	11.30A	11.35	163.75	....	....	634
9....	....	....	9.30A	9.30A	9.20	165.95	....	....	634
10....	9.00	9.00	8.80A	9.00	9.00	166.20	....	1	635
11....	9.00	9.00	7.80	7.80	7.60	167.85	....	21	635
14....	7.70	7.85B	7.00A	7.70	7.50	167.80	....	1	635
15....	....	8.30B	....	8.30B	8.45	166.65	....	....	635
16....	....	8.80B	7.90A	8.45N	8.40	166.80	....	....	635
17....	8.50	8.50	8.00A	8.50	7.90	167.10	....	4	635
18....	8.05	9.20B	8.05	8.65A	8.30	166.70	....	42	644
21....	7.35	7.35	7.30A	7.35	7.25	167.85	....	1	643
22....	6.90	7.35	6.80	7.15	7.25	167.85	....	31	666
23....	7.25	7.65	7.15A	7.65	6.90	168.15	....	9	663
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	8.00B	....	6.90N	8.10	166.90	....	....	663
29....	6.90	6.90	6.40	6.40	6.30	168.75	....	3	663
30....	....	7.50B	....	7.50B	8.60	166.40	....	....	663

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 175.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	8.70	8.70	7.90	8.35B	7.55	167.45	....	3	663
2	....	8.80B	....	8.80B	9.05	165.95	....	....	663
5	....	9.90B	8.30A	8.30A	8.20	166.80	....	....	663
6	8.20	8.80	8.20	8.80	8.95	166.05	....	15	663
7	8.50	9.05B	7.95A	7.95A	8.25	166.75	50	1	612
8	....	9.40B	....	9.40B	9.55	165.45	500	....	112
9	10.15	10.15	9.70A	9.70A	9.70	165.30	16	1	96
12	9.40	9.45	9.00A	9.00A	8.85	166.15	....	....	96
13	....	9.30B	....	9.30B	10.00	165.00	81	....	15
14	....	11.40B	9.80A	11.40B	11.50	163.50	3	....	12
15	....	#13.50B	....	13.50B	13.35	161.67	....	....	12
16	....	....	....	....	....	....	12	....	....

DECEMBER 1983 180.00 PUTS
IN SEPTEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
28	10.70	#10.70	*10.70	10.70	10.70	170.00	....	....	....
29	....	#11.30B	....	11.30B	11.30	169.40	....	1	1
30	12.30	#12.40	11.90A	12.40	12.40	168.25	....	10	11

IN OCTOBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
3	....	#12.80B	12.30A	12.30A	12.30	168.45	....	....	11
4	....	....	11.55A	12.30N	12.00	168.50	....	1	11
5	....	....	11.10A	11.10A	10.60	170.10	....	....	11
6	....	....	* 9.00A	9.00A	9.00	171.95	....	....	11
7	8.65	8.65	* 8.65	8.65	8.75	172.10	....	1	12
10	9.10	9.20B	* 7.50A	7.50A	7.10	174.05	....	5	17
11	....	8.40B	....	8.40B	9.10	171.60	....	....	17
12	....	9.60B	8.80A	9.60B	9.70	171.05	....	....	17
13	....	....	9.60A	9.60A	8.90	171.95	....	....	17
14	....	....	8.80A	8.80A	9.10	171.65	....	....	17
17	....	....	8.00A	8.00A	8.45	172.50	....	....	17
18	....	10.20B	....	10.20B	10.55	169.95	....	....	17
19	11.30	12.50B	11.30	12.50B	11.90	168.50	....	2	18
20	....	....	11.30A	11.90N	11.50	168.90	....	....	18
21	....	#13.10B	11.40A	13.10B	12.60	167.70	....	....	18
24	....	#13.50B	....	12.60N	11.95	168.30	....	....	18
25	....	....	....	11.95N	12.15	168.10	....	....	18
26	....	13.10B	....	13.10B	13.10	166.85	....	....	18
27	....	....	....	13.10N	13.00	167.15	....	....	18
28	....	#14.80B	12.70A	14.80B	14.70	165.35	....	....	18
31	....	#15.50B	14.40A	14.70N	14.50	165.45	....	....	18

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	15.05	15.30B	14.30A	14.30A	14.30	165.60	....	20	38
2	14.45	14.45	13.60A	13.60A	13.35	166.70	....	35	68
3	....	13.80B	....	13.80B	14.95	165.05	....	....	53
4	....	#16.00B	....	14.95N	15.80	164.20	....	....	53
7	....	#16.50B	15.60A	16.50B	16.55	163.45	....	....	53
8	....	....	16.30A	16.30A	16.25	163.75	....	....	53
9	....	....	16.00A	16.00A	14.05	165.95	52	....	1
10	....	....	14.00A	14.00A	13.80	166.20	....	....	1
11	....	....	12.80A	12.80A	12.15	167.85	....	....	1
14	....	12.35B	11.50A	12.15N	12.20	167.80	....	....	1
15	....	13.00B	....	13.00B	13.35	166.65	....	....	1
16	....	13.70B	12.85A	13.70B	13.20	166.80	....	....	1
17	....	13.45B	13.00A	13.20N	12.80	167.10	....	....	1
18	....	....	....	12.80N	13.30	166.70	....	....	1
21	....	....	12.30A	12.30A	12.15	167.85	....	....	1
22	....	12.30B	11.80A	12.30B	12.15	167.85	....	....	1
23	....	....	....	12.15N	11.85	168.15	....	....	1
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	....	....	....	11.85N	13.10	166.90	....	....	1
29	....	....	....	13.10N	11.25	168.75	....	....	1
30	....	....	11.10A	11.10A	13.60	166.40	....	....	1

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

DECEMBER 1983 180.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	....	....	13.60N	12.55	167.45	....	....	1
2	....	13.80B	....	13.80B	14.00	165.95	....	....	1
5	....	....	....	14.00N	13.20	166.80	....	....	1
6	....	13.50B	....	13.50B	13.95	166.05	....	....	1
7	....	14.00B	....	14.00B	13.25	166.75	....	....	1
8	13.50@.55	13.80	13.50	13.80	14.55	165.45	....	92	93
9	....	....	....	14.55N	14.70	165.30	50	....	43
12	14.50	14.50	14.00A	14.00A	13.85	166.15	42	22	23
13	....	....	....	13.85N	15.00	165.00	22	20	21
14	....	15.40B	14.80A	15.40B	16.50	163.50	....	....	21
15	....	#18.50B	....	18.50B	18.50	161.67	20	....	1
16	....	....	....	....	....	....	1	....	....
				MARCH 1984 155.00 PUTS IN SEPTEMBER 1983					
29	1.55	# 1.80	* 1.55	1.70A	1.70	170.90	....	10	10
30	....	....	....	1.70N	1.70	169.75	....	....	10
				IN OCTOBER					
3	1.80	1.80	1.75	1.75	1.75	169.95	....	6	12
4	....	....	....	1.75N	1.75	170.05	....	....	12
5	1.30	1.30	* 1.20	1.20	1.20	171.65	....	10	18
6	1.25	1.25	1.20	1.20	1.20	173.50	....	3	18
7	....	....	....	1.20N	1.20	173.70	....	1	18
10	1.15	1.15	* 1.00	1.00	1.00	175.70	....	5	18
11	....	....	....	1.00N	1.00	173.20	....	1	18
12	1.00	1.00	1.00	1.00	1.00	172.65	....	2	20
13	....	....	....	1.00N	1.00	173.60	....	....	20
14	1.00	1.00	1.00	1.00	1.00	173.30	....	2	20
17	....	....	* 0.85A	0.85A	0.85	174.00	....	....	20
18	....	0.90B	....	0.90B	0.95	171.55	....	....	20
19	1.00	1.00	1.00	1.00	1.00	170.20	....	2	21
20	....	....	....	1.00N	1.00	170.75	....	....	21
21	1.00	1.10B	1.00	1.10B	1.10	169.60	....	1	22
24	1.20	1.20	1.20	1.20	1.00	170.25	....	1	21
25	....	....	....	1.00N	1.00	170.05	....	....	21
26	....	....	....	1.00N	1.10	168.80	....	....	21
27	....	....	....	1.10N	1.10	169.10	....	....	21
28	....	1.15B	....	1.15B	1.15	167.30	....	....	21
31	1.20	1.25B	1.20	1.20	1.20	167.50	....	6	25
				IN NOVEMBER					
1	1.25	1.25	1.25	1.25	1.25	167.70	....	10	35
2	1.15	1.15	1.10A	1.15	1.15	168.75	....	6	38
3	....	1.30B	....	1.30B	1.30	167.10	....	....	38
4	1.40	1.40	1.40	1.40	1.40	166.25	....	10	28
7	1.40	1.40	1.40	1.40	1.50	165.50	....	....	28
8	....	....	....	1.50N	1.50	165.80	....	5	33
9	....	....	1.25A	1.25A	1.10	168.00	....	....	33
10	1.00	1.00	0.90	1.00	1.00	168.30	....	8	35
11	....	....	* 0.75A	0.75A	0.75	170.00	....	....	35
14	0.75	0.75	* 0.60	0.60	0.60	169.90	....	11	47
15	....	0.65B	....	0.65B	0.65	168.85	....	....	47
16	0.55	0.55	* 0.55	0.55	0.55	168.75	....	2	48
17	0.50	0.50	* 0.50	0.50	0.50	169.20	....	2	48
18	0.50	0.60	0.50	0.60	0.60	168.80	....	2	50
21	0.60	0.60	* 0.45	0.45	0.45	169.95	....	6	55
22	0.40	0.55	* 0.40	0.50	0.50	170.05	....	8	57
23	0.50	0.60	0.45	0.55	0.55	170.20	....	213	265
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	0.70	0.70	0.55	0.60	0.60	169.00	....	4	265
29	0.45	0.45	0.40	0.40	0.40	171.05	....	2	262
30	0.40	0.55	0.40	0.55	0.55	168.75	....	12	267

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1984 155.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	0.55	0.60	0.50	0.50	0.50	169.60	....	3	268
2	....	....	....	0.50N	0.65	168.10	....	1	269
5	0.65	0.70	0.50A	0.50A	0.50	168.90	....	14	280
6	0.50	0.50	0.45	0.50	0.50	168.40	....	17	286
7	0.55	0.55	0.40	0.40	0.40	169.05	....	20	299
8	0.45	0.55	0.45	0.55	0.55	167.45	....	31	314
9	0.55	0.55	0.55	0.55	0.55	167.40	....	7	319
12	0.40	0.40	0.40	0.40	0.40	168.35	....	10	319
13	0.50	0.50	0.45	0.45	0.45	167.15	....	15	326
14	....	....	....	0.45N	0.45	165.70	....	....	326
15	0.45	0.50	0.40	0.45B	0.45	164.55	....	1005	1319
16	0.40	0.40	* 0.35	0.35	0.35	165.75	....	19	1321
19	0.45	0.45	* 0.30	0.30	0.30	165.75	....	22	1343
20	0.30	0.40	0.30	0.40	0.40	165.20	....	2	1345
21	0.30	0.30	0.30	0.30	0.25	167.10	....	13	1358
22	0.25	0.25	* 0.20	0.25B	0.26	166.45	....	17	1367
23	0.30	0.30	0.30	0.30	0.30	166.55	....	3	1348
26	Exchange Closed, Christmas								
27	0.30	0.30	0.25	0.25	0.25	167.45	....	23	1370
28	0.30	0.30	0.30	0.30	0.30	167.40	....	15	1370
29	0.25	0.30B	0.25	0.30B	0.30	167.15	....	15	1376
30	0.30	0.30	0.20	0.20	0.25	167.30	....	1248	1449

MARCH 1984 160.00 PUTS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
11	1.40	# 1.40	* 1.40	1.40	1.60	173.20	....	1	1
12	....	....	....	1.60N	1.70	172.65	....	....	1
13	1.80	# 1.80	1.80	1.80	1.60	173.60	....	5	5
14	1.50	1.50	1.50	1.50	1.50	173.30	....	1	5
17	....	....	* 1.35A	1.35A	1.35	174.00	....	....	5
18	1.60	1.60	1.60	1.60	1.80	171.55	....	2	7
19	....	....	....	1.80N	2.00	170.20	....	....	7
20	....	....	....	2.00N	2.00	170.75	....	....	7
21	2.40	# 2.40	2.00	2.40	2.30	169.60	....	1	8
24	2.40	2.40	2.40	2.40	2.20	170.25	....	1	7
25	2.00	2.00	2.00	2.00	2.10	170.05	....	1	8
26	....	....	....	2.10N	2.20	168.80	....	5	5
27	2.30	2.30	2.30	2.30	2.30	169.10	....	3	8
28	....	2.40B	....	2.40B	2.40	167.30	....	....	8
31	....	# 2.60B	....	2.40N	2.40	167.50	....	....	8

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	....	2.50B	....	2.40N	2.35	167.70	....	....	8
2	....	....	2.15A	2.15A	2.15	168.75	....	....	8
3	....	2.25B	....	2.15N	2.50	167.10	....	....	8
4	2.75	# 2.75	2.75	2.75	2.75	166.25	....	5	11
7	2.85	# 2.85	2.60	2.80B	3.00	165.50	....	41	41
8	....	....	2.80A	2.80A	2.80	165.80	....	....	41
9	2.50	2.50	2.25A	2.25A	2.10	168.00	....	40	21
10	2.10	2.10	2.00	2.00	2.00	168.30	....	5	25
11	1.80	1.80	1.70A	1.70A	1.70	170.00	....	1	25
14	1.60	1.75	1.40	1.50	1.50	169.90	....	18	29
15	1.55	1.65	1.55	1.65	1.65	168.85	....	9	28
16	....	1.70B	....	1.70B	1.65	168.75	....	....	27
17	1.60	1.60	1.60	1.60	1.60	169.20	....	4	28
18	1.65	1.75	1.60	1.65	1.65	168.80	....	15	42
21	1.60	1.60	1.40A	1.40A	1.35	169.95	....	1	41
22	1.20	1.35	* 1.20	1.25	1.25	170.05	....	3	43
23	1.35	1.45	1.25	1.25	1.25	170.20	....	202	243
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	....	....	....	1.25N	1.25	169.00	....	....	243
29	1.25	1.30B	* 0.90	0.90	0.90	171.05	....	17	253
30	0.85	1.15	* 0.85	1.15	1.30	168.75	....	25	276

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1984 160.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	1.30	1.40	1.25A	1.25A	1.25	169.60	....	115	360
2	1.35	1.50	1.35	1.50	1.50	168.10	....	8	361
5	1.45	1.60B	1.35A	1.35A	1.20	168.90	....	8	361
6	1.25	1.35	1.20	1.30A	1.30	168.40	....	18	369
7	1.25	1.25	1.05	1.15A	1.15	169.05	....	11	368
8	1.30	1.30	1.25	1.25	1.25	167.45	....	36	374
9	1.20	1.30	1.20	1.20	1.20	167.40	....	303	638
12	1.15	1.15	1.00	1.00	1.00	168.35	....	101	722
13	1.10	1.10	1.00A	1.05	1.05	167.15	....	4	722
14	1.10	1.30	1.10	1.15	1.15	165.70	....	104	778
15	1.25	1.50B	1.10	1.50B	1.50	164.55	....	1561	2197
16	1.45@.40	1.45	1.10	1.20	1.15	165.75	....	637	2798
19	1.15	1.20	1.00	1.10	1.10	165.75	....	1540	3284
20	1.05@.0.95	1.25	0.95	1.15	1.15	165.20	....	163	3410
21	0.95	1.00	* 0.80	0.90	0.90	167.10	....	258	3577
22	0.85@.90	1.00	0.80	0.95	0.95	166.45	....	192	3694
23	0.90	1.10	0.90	0.95	0.95	166.55	....	11	3502
26	Exchange Closed, Christmas								
27	0.90	0.95	0.85	0.90	0.90	167.45	....	243	3507
28	1.00	1.20	0.95	1.05	1.05	167.40	....	528	3751
29	0.85@.90	1.05	0.85	1.05	1.00	167.15	....	720	3785
30	1.00	1.00	0.85	0.85	0.85	167.30	....	14	3784

MARCH 1984 165.00 PUTS
IN OCTOBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
11	2.55	# 2.55	* 2.55	2.55	2.75	173.20	....	....	....
12	2.70	# 2.75B	2.70	2.75B	2.95	172.65	....	6	6
13	3.00	# 3.00	3.00	3.00	2.80	173.60	....	5	9
14	....	....	....	2.80N	2.80	173.30	....	....	9
17	....	....	* 2.45A	2.45A	2.45	174.00	....	....	9
18	....	3.00B	....	3.00B	3.20	171.55	....	....	9
19	3.35	# 3.90	3.35	3.90	3.80	170.20	....	5	12
20	3.85	3.85	3.85	3.85	3.65	170.75	....	2	14
21	....	# 4.00B	3.20A	4.00B	4.00	169.60	....	....	14
24	....	# 4.20B	....	4.20B	3.70	170.25	....	....	14
25	3.30	3.40B	3.20	3.40B	3.60	170.05	....	8	13
26	....	3.70B	....	3.70B	3.80	168.80	....	....	13
27	3.90	3.90	3.90	3.90	3.90	169.10	....	5	14
28	....	# 4.30B	....	4.30B	4.30	167.30	....	....	14
31	....	# 4.80B	4.20A	4.30N	4.30	167.50	....	....	13

IN NOVEMBER

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	4.50	4.50	4.50	4.50	4.20	167.70	....	2	13
2	3.75	3.85	3.75	3.80A	3.80	168.75	....	2	13
3	....	4.05B	....	4.05B	4.50	167.10	....	....	13
4	4.50	4.60B	4.50	4.60B	4.75	166.25	....	1	14
7	4.70	# 5.00	4.65	5.00B	5.10	165.50	....	24	38
8	4.85	4.85	4.85	4.85	4.85	165.80	....	2	40
9	4.70	4.70	4.00A	4.00A	4.00	168.00	....	20	25
10	....	....	3.80A	3.80A	3.80	168.30	....	11	32
11	3.70	3.70	3.25A	3.25A	3.15	170.00	....	7	37
14	3.00	3.00	2.75	3.00B	2.80	169.90	....	4	35
15	2.90	3.00B	2.80	2.80	3.00	168.85	....	30	65
16	2.95	3.20B	2.90	3.20B	3.00	168.75	....	26	86
17	3.20	3.20	2.90A	3.00	3.00	169.20	....	14	98
18	3.00	3.50B	3.00	3.35A	3.15	168.80	....	4	101
21	2.95	2.95	2.70	2.70	2.60	169.95	....	5	103
22	2.35	2.65	* 2.35	2.65	2.60	170.05	....	1	103
23	2.65	2.95	2.60	2.60	2.60	170.20	....	25	123
24	Exchange Closed, Thanksgiving Day								
25	Exchange Closed								
28	2.75	2.95	2.65	2.90A	2.90	169.00	....	3	123
29	2.95	2.95	2.40	2.40	2.40	171.05	....	56	170
30	2.35	2.85B	* 2.20	2.85B	2.85	168.75	....	21	172

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1984 165.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	3.00	3.00	2.35A	2.65A	2.60	169.60	....	8	169
2	2.75	3.30	2.75	3.30	3.20	168.10	....	12	179
5	3.10	3.50	2.65A	2.65A	2.65	168.90	....	152	290
6	2.95	2.95	2.75A	2.75A	2.80	168.40	....	4	291
7	2.90	2.90	2.45	2.60	2.55	169.05	....	142	271
8	2.75	3.00	2.50	2.90A	2.90	167.45	....	151	388
9	2.75	3.15	2.75	2.90A	2.90	167.40	....	319	593
12	2.50	2.60	2.35	2.45	2.45	168.35	....	102	644
13	2.50	2.55	2.30	2.50	2.50	167.15	....	160	754
14	2.65	3.15B	2.45	2.85	2.90	165.70	....	838	1490
15	3.00	3.30	2.85	3.30B	3.30	164.55	....	280	1699
16	2.90	3.20	2.80	2.90B	2.80	165.75	....	174	1840
19	3.05	3.05	2.70	2.80@.70	2.75	165.75	....	1177	1881
20	2.65	3.15	2.60A	3.00	3.05	165.20	....	232	1954
21	2.75	2.75	2.40	2.50@.45	2.50	167.10	....	614	1652
22	2.25	2.85	2.25	2.70A	2.70	166.45	....	283	1434
23	2.60	2.65	2.60	2.65	2.55	166.55	....	14	1439
26	Exchange Closed, Christmas								
27	2.35	2.40	2.30	2.35	2.40	167.45	....	154	1330
28	2.40	2.70	2.40	2.45B	2.45	167.40	....	233	1367
29	2.35	2.50	* 2.15	2.45	2.45	167.15	....	203	1415
30	2.40	2.40	* 2.10	2.15	2.15	167.30	....	524	1710
				MARCH 1984 170.00 PUTS IN SEPTEMBER 1983					
26	6.40	# 6.40	* 6.40	6.40	6.40	172.95	....	3	2
27	6.25	6.25	* 6.25	6.25	6.25	171.80	....	....	1
28	....	....	....	6.25N	6.25	171.50	....	....	1
29	....	....	....	6.25N	6.25	170.90	....	....	1
30	....	....	....	6.25N	6.25	169.75	....	....	1
				IN OCTOBER					
3	....	....	....	6.25N	6.25	169.95	....	1	2
4	6.25	6.25	6.25	6.25	6.25	170.05	....	1	2
5	....	....	....	6.25N	5.70	171.65	....	....	2
6	5.40	5.40	* 5.40	5.40	5.40	173.50	....	....	2
7	....	....	* 5.00A	5.00A	4.90	173.70	....	....	2
10	....	....	* 4.00A	4.00A	4.00	175.70	....	1	3
11	4.10	4.20B	4.10	4.20B	4.60	173.20	....	2	4
12	....	4.80B	4.50A	4.80B	4.80	172.65	....	10	14
13	....	....	....	4.80N	4.60	173.60	....	....	14
14	4.60	4.60	4.60	4.60	4.60	173.30	....	1	14
17	....	....	4.30A	4.30A	4.30	174.00	....	....	14
18	4.20	5.20B	4.20	5.20B	5.20	171.55	....	6	19
19	6.25	6.25	6.25	6.25	5.90	170.20	....	3	21
20	5.70	5.70	5.70	5.70	5.70	170.75	....	1	22
21	....	# 6.50B	....	5.70N	6.10	169.60	....	....	22
24	6.00	6.20B	6.00	6.00	5.80	170.25	....	1	23
25	5.40	5.60B	5.40	5.60B	5.80	170.05	....	2	22
26	5.50	6.00B	5.50	6.00B	6.20	168.80	....	4	24
27	6.10	6.10	5.90	5.90	5.90	169.10	....	5	28
28	6.50	# 6.70B	6.50	6.70B	6.90	167.30	....	2	28
31	7.30	# 7.50B	7.30	7.30	6.90	167.50	....	2	30

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1984 170.00 PUTS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	7.15B	6.50A	6.90N	6.60	167.70	....	....	30
2....	6.30	6.30	6.00A	6.00A	6.30	168.75	....	1	31
3....	6.15	6.70B	6.10	6.70B	7.10	167.10	....	1	32
4....	7.20	7.50B	7.00	7.00	7.40	166.25	....	5	36
7....	7.80	# 7.80	7.20A	7.80	7.60	165.50	....	1	36
8....	7.10	7.30B	7.10	7.30B	7.40	165.80	....	1	37
9....	....	....	6.60A	6.60A	6.40	168.00	....	....	37
10....	....	....	6.20A	6.20A	6.20	168.30	....	....	37
11....	6.00	6.00	5.15	5.15	5.15	170.00	....	82	118
14....	4.70	5.00B	4.70	5.00B	5.00	169.90	....	1	118
15....	5.15	5.50B	5.00A	5.40	5.40	168.85	....	11	121
16....	5.30	5.50B	5.30	5.30	5.30	168.75	....	3	123
17....	5.40	5.40	5.20A	5.40	5.40	169.20	....	20	132
18....	5.20	5.70B	5.20	5.70B	5.50	168.80	....	202	330
21....	5.15	5.15	4.70A	4.70A	4.70	169.95	....	1	330
22....	4.60	4.65	4.35	4.50	4.65	170.05	....	211	251
23....	4.50	4.95	4.50	4.75A	4.60	170.20	....	9	194
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	4.70	5.30	4.70	5.20	5.15	169.00	....	4	193
29....	....	....	4.30A	4.15	4.15	171.05	....	1	191
30....	4.20	4.95	4.10	4.95	5.20	168.75	....	36	203
IN DECEMBER									
1....	5.25	5.25	4.90A	5.00	4.90	169.60	....	4	204
2....	....	5.30B	....	5.30B	5.50	168.10	....	....	204
5....	5.40	5.80B	5.25A	5.25A	5.20	168.90	....	407	578
6....	5.05	5.30B	4.95	5.15A	5.15	168.40	....	356	917
7....	5.05	5.15	4.35	4.35	4.60	169.05	....	107	807
8....	4.90	5.30	4.90	5.30	5.30	167.45	....	47	849
9....	5.30	5.40B	5.10	5.35	5.10	167.40	....	259	1086
12....	4.90	4.90	4.50	4.50	4.50	168.35	....	6	1061
13....	4.70	4.95B	4.70	4.95B	5.00	167.15	....	155	1166
14....	5.05	5.95	4.95A	5.90A	6.10	165.70	....	102	1217
15....	6.20	6.70	6.20	6.70	6.80	164.55	....	32	1203
16....	6.40	6.45B	5.90	5.90	5.90	165.75	....	961	1805
19....	5.50	5.95B	5.50	5.95B	5.95	165.75	....	65	1865
20....	5.45	6.20B	5.45	5.45	6.20	165.20	....	1	1859
21....	5.55	5.65B	4.90	4.90	4.90	167.10	....	285	1625
22....	4.80	5.50B	4.80	5.30A	5.45	166.45	....	43	1647
23....	5.30	5.30	5.15	5.30	5.20	166.55	....	47	1631
26....	Exchange Closed, Christmas								
27....	4.75@.90	4.90	4.60	4.60	4.65	167.45	....	607	1688
28....	4.90	5.00	4.75	4.75	4.70	167.40	....	198	1809
29....	4.50	4.80	4.30	4.80	4.80	167.15	....	307	1963
30....	4.65	4.65	4.30	4.60	4.45	167.30	....	1528	2743
MARCH 1984 175.00 PUTS IN OCTOBER 1983									
18....	6.50	# 8.00B	6.50	8.00B	8.00	171.55	....	1	1
19....	....	# 9.50B	....	9.50B	8.70	170.20	....	....	1
20....	....	....	....	8.70N	8.60	170.75	....	....	1
21....	....	....	....	8.60N	9.20	169.60	....	....	1
24....	....	9.30B	....	9.30B	8.60	170.25	....	....	1
25....	....	....	8.40A	8.40A	8.70	170.05	....	....	1
26....	....	9.00B		9.00B	9.25	168.80	....	....	1
27....	....	....	....	9.25N	9.25	169.10	....	....	1
28....	10.00	#10.00	9.10A	10.00	10.25	167.30	....	1	1
31....	....	....		10.20N	10.20	167.50	....	....	1

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

MARCH 1984 175.00 PUTS
IN NOVEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1....	....	....	....	10.20N	9.80	167.70	....	....	1
2....	....	....	....	9.80N	9.50	168.75	....	....	1
3....	....	10.00B	9.40A	10.00B	10.50	167.10	....	....	1
4....	10.80	#11.00B	10.60A	10.80	11.00	166.25	....	1	1
7....	10.35	10.80B	10.35	10.35	11.00	165.50	....	....	1
8....	....	....	....	11.00N	10.60	165.80	....	4	5
9....	10.20	10.20	9.60A	9.60A	9.50	168.00	....	4	9
10....	....	....	9.40A	9.50N	9.30	168.30	....	....	9
11....	9.20	9.20	8.00	8.20	8.20	170.00	....	3	10
14....	....	....	7.75A	7.75A	8.00	169.50	....	....	10
15....	....	8.40B	....	8.40B	8.40	168.85	....	....	9
16....	....	....	8.35A	8.35A	8.35	168.75	....	....	9
17....	....	....	....	8.35N	8.35	169.20	....	....	9
18....	....	8.50B	....	8.50B	8.50	168.80	....	....	9
21....	....	....	7.70A	7.70A	7.70	169.95	....	....	9
22....	7.60	7.60	7.10	7.30B	7.60	170.05	....	11	19
23....	....	7.70B	....	7.70B	7.70	170.20	....	10	22
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	7.95	7.95	7.95	7.95	8.05	169.00	....	4	22
29....	....	....	7.20A	7.20A	6.70	171.50	....	....	22
30....	7.96	7.95	7.95	7.95	8.30	168.75	....	4	22

IN DECEMBER

1....	....	....	....	8.30N	7.60	169.60	....	....	22
2....	8.50	8.50	8.50	8.50	8.70	168.10	....	2	24
5....	....	8.75B	8.60A	8.60A	8.00	168.90	....	....	24
6....	....	8.15B	....	8.15B	8.20	168.40	....	....	24
7....	....	....	7.70A	7.70A	7.70	169.05	....	....	24
8....	....	8.50B	....	8.50B	8.60	167.45	....	....	24
9....	8.95	8.95	8.50A	8.95	8.70	167.40	....	2	26
12....	8.30	8.30	8.20A	8.20A	8.05	168.35	....	....	26
13....	....	8.50B	8.00A	8.50B	8.75	167.15	....	....	26
14....	....	10.00B	....	10.00B	10.10	165.70	....	....	26
15....	....	10.75B	9.80A	10.75B	10.75	164.55	....	....	26
16....	....	....	10.10A	10.10A	9.90	165.75	....	....	26
19....	....	....	9.75A	9.90N	9.80	165.75	....	....	26
20....	....	10.00B	9.50A	9.80N	10.30	165.20	....	....	26
21....	....	....	9.70A	9.70A	8.75	167.10	....	....	26
22....	8.60	9.40B	8.60	9.10B	9.30	166.45	....	220	236
23....	....	....	9.10A	9.30N	9.35	166.55	....	....	236
26....	Exchange Closed, Christmas								
27....	....	....	8.40A	8.40A	8.30	167.45	....	....	236
28....	8.60	8.80	8.50A	8.50A	8.20	167.40	....	108	343
29....	....	8.50B	8.00A	8.50B	8.50	167.15	....	....	341
30....	8.40	8.55B	8.40	8.40	8.40	167.30	....	20	348

JUNE 1984 165.00 PUTS
IN DECEMBER 1983

21....	3.50	# 3.50	* 3.50	3.50	3.50	169.30	....	....	....
22....	3.15	3.20B	* 3.15	3.20B	3.20	168.75	....	2	2
23....	....	....	....	3.35N	3.35	168.80	....	2	4
26....	Exchange Closed, Christmas								
27....	....	....	3.30A	3.30A	3.15	169.75	....	....	4
28....	....	....	....	3.15N	3.15	169.70	....	1	4
29....	....	....	....	3.15N	3.15	169.45	....	....	4
30....	....	....	....	3.15N	3.15	169.55	....	....	4

JUNE 1984 170.00 PUTS
IN NOVEMBER 1983

17....	5.50	# 5.50	* 5.50	5.50	5.50	171.05	....	....	....
18....	....	....	....	5.50N	5.50	170.65	....	2	2
21....	....	....	....	5.50N	5.50	171.95	....	....	2
22....	....	....	....	5.50N	5.50	172.05	....	....	2
23....	....	....	....	5.50N	5.50	172.15	....	....	2
24....	Exchange Closed, Thanksgiving Day								
25....	Exchange Closed								
28....	....	....	....	5.50N	5.50	170.90	....	....	2
29....	4.50	4.50	* 4.50	4.50	4.50	173.00	....	2	4
30....		....	....	4.50N	4.50	170.80	....	....	4

S & P 500 STOCK INDEX OPTION ON FUTURES PRICES—PUTS

JUNE 1984 170.00 PUTS
IN DECEMBER 1983

Date	Open Range	High	Low	Closing Range	Sett. Price	Futures Sett. Price	Exer-cises	Volume (Trades Cleared)	Open Interest
1	4.50	4.50	4.50	4.50	4.50	171.50	....	6	10
2	4.60	4.60	4.60	4.60	5.80	170.00	....	2	12
5	....	....	....	5.80N	5.60	170.85	....	....	12
6	....	....	....	5.60N	5.60	170.35	....	....	12
7	5.30	5.30	5.30	5.30	5.30	171.00	....	4	16
8	....	....	....	5.30N	5.65	169.40	....	1	17
9	....	....	....	5.65N	5.65	169.40	....	....	17
12	5.35	5.35	5.25	5.30	5.20	170.40	....	19	36
13	5.00	5.00	5.00	5.00	5.60	169.10	....	34	70
14	....	# 6.00B	....	6.00B	6.60	167.75	....	....	70
15	....	....	....	6.60N	7.00	166.55	....	....	70
16	....	....	....	7.00N	7.00	167.85	....	....	70
19	....	....	6.20A	6.20A	6.20	167.85	....	....	70
20	....	# 6.30B	...	6.30B	6.40	167.25	....	....	70
21	5.25	5.25	5.25	5.25	5.20	169.30	....	5	75
22	5.00	5.45B	5.00	5.35A	5.35	168.75	....	7	82
23	....	....	....	5.35N	5.35	168.80	....	....	82
26	Exchange Closed, Christmas								
27	4.70	4.70	4.70	4.70	4.70	169.75	....	2	84
28	4.70	5.10B	4.70	5.10B	4.80	169.70	....	8	92
29	4.80	4.80	4.80	4.80	4.80	169.45	....	2	94
30	...	....	....	4.80N	4.80	169.55	....	...	94

Section Three

SUMMARY VOLUME, OPEN INTEREST AND DELIVERY TABLES

1983 CHICAGO MERCANTILE EXCHANGE VOLUME OF TRADING

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC	YEAR
CME LIVESTOCK AND MEATS—													
Pork Bellies	#276,556	#229,198	207,543	225,034	226,617	227,522	#218,813	169,113	132,894	154,642	159,982	175,363	2,403,277
Live Hogs	#291,584	#254,664	213,788	#230,588	254,089	262,141	217,358	279,932	220,759	174,206	197,473	194,164	2,790,746
Live Cattle	370,353	332,674	455,817	488,957	389,109	328,920	302,168	324,938	344,076	335,416	297,871	277,853	4,248,152
Feeder Cattle	51,769	52,081	58,521	54,157	43,017	39,533	43,515	60,243	52,997	35,674	22,863	22,803	537,173
INTERNATIONAL MONETARY MARKET (I.M.M.)—													
British Pound	#134,219	111,672	*161,070	#125,281	*171,774	*197,963	109,886	#157,590	108,686	129,869	98,755	108,228	+1,614,993
Canadian Dollar	#71,282	68,733	#90,186	61,065	54,463	60,118	23,554	44,491	24,029	19,858	20,937	20,025	558,741
Deutschemark	#184,642	#179,649	*209,627	#135,313	#192,160	*221,909	170,626	*283,007	#214,271	#234,706	#207,179	#190,419	+2,423,508
Dutch Guilder	....	....	93	41	24	2	....	2	....	....	....	....	162
French Franc	1,398	1,821	#5,785	#1,409	#2,545	#3,340	#608	#4,373	2,386	788	709	1,186	+26,348
Japanese Yen	*280,632	*321,892	#280,148	#243,156	*396,193	#301,293	#209,561	#278,117	#274,921	#332,867	#268,826	#254,656	+3,442,262
Mexican Peso	2,646	5,029	4,920	3,516	2,228	5,113	2,444	2,909	5,043	2,013	1,960	2,487	40,308
Swiss Franc	*352,107	*409,054	#302,015	#260,430	#360,212	#310,348	241,069	#339,713	#318,051	#295,403	#304,103	#273,625	+3,766,130
Gold Bullion	162,543	150,237	103,200	84,241	99,691	84,466	67,666	72,357	66,054	56,225	36,629	10,823	994,132
90-Day T-Bill	302,180	337,859	361,403	308,494	331,373	366,204	283,907	371,061	273,487	309,756	275,660	268,480	3,789,864
3-Mth Cert. of Dep.	67,513	86,801	94,674	69,985	83,387	128,856	89,980	118,299	85,948	78,317	79,026	96,794	1,079,580
3-Mth Eurodollar	#41,288	*48,420	*70,335	#52,028	#56,268	*96,527	#72,052	#91,818	#78,606	#81,328	#87,075	*115,321	+891,066
INDEX AND OPTION MARKET (I.O.M.)—													
S & P 500 Futures	*541,955	#523,718	*693,829	#609,714	*715,688	*815,354	#629,236	*823,034	#696,283	#745,145	#702,372	#605,369	+8,101,697
S & P 100 Futures	....	....	....	....	....	....	*49,635	*78,507	#59,314	*82,326	#78,070	#43,050	+390,902
S & P 500 Options	*3,025	*25,043	*31,139	#18,587	#28,924	#28,453	#17,833	#21,914	#18,465	#19,634	#19,802	*48,271	+281,090
Random Length Lumber	54,976	56,706	51,520	48,327	77,107	#73,554	62,053	#76,322	68,019	68,228	44,266	49,925	731,003
TOTALS:													
C.M.E. LIVESTOCK/ MEATS:	990,262	868,617	935,669	998,736	912,832	858,116	781,854	834,226	750,726	699,938	678,189	670,183	9,979,348
I.M.M.	#1,600,450	#1,721,167	#1,683,456	1,344,959	#1,750,318	#1,776,139	1,271,353	1,763,737	1,451,482	#1,541,130	1,380,859	1,342,044	18,627,094
I.O.M.	*599,956	*605,467	*776,488	#676,628	*821,719	*917,361	#758,757	*999,777	#842,081	#915,333	#844,510	#746,615	+9,504,692
EXCHANGE OVERALL	#3,190,668	#3,195,251	*3,395,613	#3,020,323	*3,494,869	*3,551,616	2,811,964	*3,597,740	#3,044,289	#3,156,401	2,903,558	2,758,842	+38,111,134
Currencies Only	*1,026,926	*1,097,850	#1,053,844	#830,211	*1,179,599	#1,100,086	757,748	#1,110,202	#947,387	#1,015,504	#902,469	#850,626	+11,872,452
Interest Rates Only	410,981	473,080	526,412	430,507	471,028	591,587	445,939	581,178	438,041	469,401	441,761	480,595	5,760,510
S & P 500 Calls	*2,335	*14,987	#12,332	#9,709	*15,889	*18,221	#11,396	#13,761	#10,952	#13,622	#12,926	*22,701	+158,831
S & P 500 Puts	*690	*10,056	*18,807	#8,878	#13,035	#10,232	#6,437	#8,153	#7,513	#6,012	#6,876	*25,570	+122,259

# Record volume month for any year (Jan to Jan; Feb to Feb, etc.) as they occurred during 1983
* All-Time Record volume month for any month and year as they occurred during 1983
+ All-Time Record Total Year.

INDEX AND OPTION MARKET DAILY VOLUME TOTALS DURING 1983 (All I.O.M. Contracts)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	27,517	41,655	Closed	....	47,041	16,446	48,828	35,201	....	51,808	48,725
2	....	31,348	38,126	....	37,789	41,524	....	45,067	16,499	....	46,756	38,457
3	21,112	29,006	36,215	....	R43,946	34,495	....	53,447	....	35,564	47,585	....
4	30,648	30,843	31,163	28,272	42,888	....	Closed	R60,283	....	35,119	40,464	....
5	32,000	....	....	34,668	36,108	....	27,571	37,998	Closed	39,034	....	47,256
6	34,016	....	....	38,126	38,608	39,698	33,132	....	42,083	43,414	....	50,219
7	32,193	30,155	38,083	33,493	....	50,816	44,030	....	52,779	34,770	38,895	48,539
8	....	31,378	37,104	28,110	....	50,710	27,133	42,392	25,512	....	32,734	48,857
9	....	28,781	37,874	....	38,487	49,884	....	51,685	28,591	....	43,859	40,187
10	31,562	30,518	42,205	....	34,079	28,932	....	48,402	....	36,067	41,280	....
11	30,210	26,534	32,621	36,027	39,535	....	31,133	37,938	....	48,147	30,499	....
12	32,831	....	....	35,280	39,572	....	37,643	26.909	R65,284	40,203	....	33,275
13	27,443	....	....	38,353	30,592	44.639	36,424	....	55,221	38,029	....	45,639
14	23,665	30,847	39,681	35,831	....	49,736	38,358	....	44,199	34,882	41,309	53,838
15	....	33,590	33,122	26,467	....	47,722	29,092	40,814	41,240	....	51,362	51,709
16	....	36,509	40,489	....	34,300	R53,146	....	40,813	31,375	....	49,119	34,308
17	27,883	31,866	36,340	....	36,744	26,802	....	42,964	....	46,430	41,999	....
18	30,282	23,464	24,538	28,288	39,094	....	34,585	41,458	....	51,243	32,956	....
19	29,369	....	....	36,509	R44,426	....	35,652	33,862	45,977	58,514	....	27,351
20	25,453	....	....	38,685	36,375	38,923	44,451	....	47,398	43,819	....	27,866
21	26,241	Closed	26,840	33,629	....	45,951	45,116	....	42,299	40,937	42,254	35,056
22	....	33,983	25,683	24,781	....	42,798	28,487	46,759	46,432	....	41,815	27,207
23	....	35,281	37,519	....	40,295	39,936	....	44,201	32,870	....	30,529	11,414
24	30,446	39,044	30,745	....	43,605	28,578	....	45,015	....	53,278	Closed	....
25	26,732	32,677	28,403	28,288	R52,987	....	41,869	50,842	....	44,243	Closed	....
26	27,987	....	....	37,300	41,624	....	47,565	34,753	42,241	49,901	....	Closed
27	26,748	....	....	41,741	26,003	38,476	52,655	....	42,238	43,557	....	19,863
28	25,199	42,126	23,184	39,132	....	42,952	50,717	....	39,094	43,675	33,801	19,960
29	....	....	28,993	33,648	....	44,307	R56,698	40,974	37,486	....	51,156	22,051
30	....	....	27,738	....	Closed	30,295	....	36,414	28,062	....	54,330	14,838
31	27,936	....	38,167	....	44,662	....	....	47,959	....	54,507	....	....
Total	599,956	605,467	776,488	676,628	821,719	917,361	758,757	999,777	842,081	915,333	844,510	746,615
Average	28,569	31,866	33,760	33,831	39,129	41,698	37,937	43,468	40,099	43,588	42,226	35,553

R- Single Day Record Total

I.O.M. FUTURES ONLY DAILY VOLUME TOTALS DURING 1983 (All I.O.M. Futures Contracts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	26,850	39,271	Closed	....	44,870	15,700	47,812	34,279	....	50,554	47,773
2	....	30,435	35,546	....	36,423	40,524	....	44,494	15,902	....	46,192	36,959
3	21,112	28,014	33,542	....	42,945	32,887	....	52,900	....	34,922	46,133	....
4	30,648	30,203	29,585	27,702	42,239	....	Closed	R58,513	....	34,805	39,291	....
5	32,000	....	....	33,954	34,271	....	26,757	37,070	Closed	38,435	....	45,023
6	34,016	....	....	37,478	36,810	38,518	32,045	....	40,541	42,645	....	48,262
7	32,193	29,128	36,385	32,928	....	49,133	42,780	....	51,187	33,962	37,987	46,703
8	....	30,341	35,694	27,752	....	48,353	26,484	41,522	24,909	....	32,176	45,411
9	....	28,031	36,070	....	37,099	48,114	....	50,798	27,616	....	43,029	38,341
10	31,562	29,235	40,403	....	33,164	28,292	....	47,309	....	35,514	40,452	....
11	30,210	25,436	30,105	35,293	38,608	....	30,781	37,173	....	47,627	29,395	....
12	32,831	....	....	33,993	38,274	....	36,467	26,358	R63,611	39,751	....	31,600
13	27,443	....	....	36,907	30,009	43,622	35,548	....	54,036	37,631	....	44,315
14	23,665	29,602	37,880	34,866	....	48,207	37,744	....	43,213	34,535	40,594	50,745
15	....	32,233	32,134	25,816	....	45,862	28,424	40,048	40,041	....	50,644	47,090
16	....	35,112	38,674	....	33,219	50,212	....	40,280	30,382	....	47,561	31,336
17	27,883	30,823	33,892	....	35,252	26,082	....	41,903	....	45,642	41,387	....
18	30,282	22,176	24,020	27,262	37,479	....	34,000	40,689	....	50,529	32,051	....
19	29,369	....	....	35,723	42,985	....	35,160	33,122	44,866	57,434	....	24,330
20	25,453	....	....	37,477	35,077	37,863	43,536	....	46,662	43,329	....	26,939
21	26,241	Closed	26,153	32,680	....	44,604	44,392	....	41,441	39,936	40,442	33,318
22	....	32,305	25,017	24,009	....	41,577	27,907	45,908	45,545	....	40,883	25,950
23	....	33,922	36,322	....	38,366	39,198	....	43,703	32,200	....	29,211	10,478
24	30,446	37,046	30,081	....	41,825	28,092	....	44,396	....	50,008	Closed	....
25	26,732	30,897	27,962	27,482	R50,696	....	41,061	49,510	....	43,464	Closed	....
26	27,987	....	....	36,353	39,585	....	46,480	33,633	41,938	49,493	....	Closed
27	26,748	....	....	40,345	25,142	37,988	R51,687	....	41,842	41,996	....	16,231
28	23,394	38,635	22,866	37,499	....	42,029	49,030	....	38,723	41,365	33,276	17,636
29	....	....	28,749	32,522	....	42,943	R54,941	38,982	37,300	....	50,227	19,287
30	....	....	27,467	....	Closed	29,938	....	35,845	27,382	....	53,223	10,617
31	26,716	....	37,531	....	42,827	....	....	45,895	....	52,676	....	....
Total	596,931	580,424	745,349	658,041	792,795	888,908	740,924	977,863	823,616	895,699	824,708	698,344
Average	28,424	30,548	32,406	32,901	37,751	40,404	37,046	42,515	39,219	42,653	41,237	33,254

R-Single Day Record Total

INDEX AND OPTION MARKET OPTIONS ONLY DAILY VOLUME TOTALS DURING 1983 (All I.O.M. Option Contracts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	667	2,384	Closed	....	2,171	746	1,016	922	....	1,254	952
2	....	913	2,580	....	1,366	1,000	....	573	597	....	564	1,498
3	....	992	2,673	....	1,001	1,608	....	547	....	642	1,452	....
4	....	640	1,578	570	649	....	Closed	1,770	....	314	1,173	....
5	....	....	....	714	1,837	....	814	926	Closed	599	....	2,233
6	....	....	....	648	1,798	1,180	1,087	....	1,542	769	....	1,957
7	....	1,027	1,698	565	....	1,683	1,250	....	1,592	808	908	1,836
8	....	1,037	1,410	358	....	2,357	649	670	603	....	558	3,446
9	....	750	1,804	....	1,388	1,770	....	887	975	....	830	1,846
10	....	1,283	1,802	....	915	640	....	1,093	....	553	828	....
11	....	1,098	2,516	734	927	....	352	765	....	520	1,104	....
12	....	....	....	1,287	1,298	....	1,176	551	1,673	452	....	1,675
13	....	....	....	1,446	583	1,017	876	....	1,185	398	....	1,324
14	....	1,245	1,801	965	....	1,529	614	....	986	347	715	3,093
15	....	1,357	988	651	....	1,860	668	766	1,199	....	718	R4,619
16	....	1,397	1,815	....	1,081	2,934	....	533	993	....	1,558	2,972
17	....	1,043	2,448	....	1,492	720	....	1,061	....	788	612	....
18	....	1,268	518	1,026	1,615	....	585	769	....	714	905	....
19	....	....	....	786	1,441	....	492	740	1,111	1,080	....	3,021
20	....	....	....	1,208	1,298	1,060	915	....	736	490	....	927
21	....	Closed	687	949	....	1,347	724	....	858	1,001	1,812	1,738
22	....	1,678	666	772	....	1,221	580	851	887	....	932	1,257
23	....	1,359	1,197	....	1,429	738	....	498	670	....	1,318	936
24	....	R1,998	664	....	1,780	486	....	619	....	3,270	Closed	....
25	....	1,780	441	806	2,291	....	808	1,332	....	779	Closed	....
26	....	....	....	947	2,039	....	1,085	1,120	303	408	....	Closed
27	....	....	....	1,396	861	488	968	....	396	1,561	....	3,632
28	R1,805	R3,491	318	1,633	....	923	1,687	....	371	2,310	525	2,324
29	....	....	244	1,126	....	1,364	1,757	1,992	186	....	929	2,764
30	....	....	271	....	Closed	357	....	569	680	....	1,107	4,221
31	1,220	....	636	....	1,835	....	....	2,064	....	1,831	....	....
Total	3,025	25,043	31,139	18,587	28,924	28,453	17,833	21,914	18,465	19,634	19,802	48,271
Average	1,512	1,318	1,353	929	1,377	1,293	891	952	879	935	991	2,299

R-Single Day Record Total
First day of trading — Jan. 28, 1983

STANDARD AND POOR'S PRODUCTS DAILY VOLUME TOTALS DURING 1983 (All S & P Products)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	23,722	38,088	Closed	....	43,162	14,533	47,027	32,615	....	48,567	47,128
2	....	28,794	35,711	....	40,366	30,932	....	41,231	14,499	....	44,248	36,640
3	19,772	27,085	33,646	....	40,366	30,932	....	49,417	....	30,506	43,871	....
4	26,789	27,068	28,860	27,155	37,975	....	Closed	56,808	....	31,976	36,099	....
5	27,904	....	....	32,648	32,914	....	25,598	34,830	Closed	34,826	....	44,500
6	30,627	....	....	36,648	35,632	36,898	29,355	....	39,682	39,458	....	46,935
7	29,443	27,509	36,281	30,767	....	49,756	40,546	....	50,293	29,799	36,913	45,975
8	....	28,267	33,794	26,565	....	50,025	23,800	40,737	22,578	....	30,912	46,195
9	....	26,343	33,473	....	35,332	44,566	....	45,240	25,416	....	42,373	38,193
10	28,815	28,188	39,483	....	30,506	26,458	....	44,433	....	33,547	38,710	....
11	27,416	23,299	29,984	33,602	35,434	....	28,111	34,403	....	45,187	28,539	....
12	30,565	....	....	32,130	32,823	....	34,840	23,507	61,815	38,320	....	30,695
13	25,488	....	....	35,251	26,418	42,714	33,642	....	51,190	35,565	....	42,700
14	21,065	27,377	37,725	32,303	....	47,098	35,972	....	41,160	32,932	40,382	52,237
15	....	30,710	30,994	24,605	....	44,949	26,737	37,538	37,920	....	48,199	48,488
16	....	34,006	38,764	....	30,859	50,434	....	37,985	28,375	....	45,910	31,224
17	25,375	28,190	34,098	....	33,216	24,663	....	38,973	....	43,882	39,588	....
18	27,832	20,793	21,962	25,389	36,780	....	32,425	37,663	....	47,950	31,174	....
19	27,218	....	....	33,171	40,723	....	33,135	30,908	42,924	55,101	....	25,753
20	23,718	....	....	36,344	33,009	34,795	39,913	....	43,741	39,531	....	24,586
21	24,584	Closed	25,270	32,185	....	42,698	41,469	....	38,900	38,523	41,090	32,190
22	....	31,111	24,120	23,648	....	39,488	24,726	44,209	42,229	....	40,336	25,001
23	....	32,590	35,784	....	38,022	34,899	....	41,255	28,750	....	28,973	9,333
24	27,499	36,107	28,581	....	40,660	24,392	....	41,626	....	50,643	Closed	....
25	24,250	29,911	25,402	26,372	48,932	....	38,464	45,756	....	40,340	Closed	....
26	24,969	....	....	35,299	37,400	....	44,226	31,682	39,730	46,344	....	Closed
27	24,420	....	....	39,088	22,153	34,843	49,606	....	39,022	39,787	....	18,097
28	22,398	37,691	22,251	35,340	....	37,506	46,597	....	34,792	40,942	31,793	17,677
29	....	....	27,866	29,791	....	39,534	53,009	38,988	33,961	....	48,740	20,137
30	....	....	26,375	....	Closed	26,952	....	33,924	24,470	....	51,827	13,006
31	24,863	....	36,456	....	39,799	....	....	45,315	....	51,946	....	....
Total	544,980	548,761	724,968	628,301	744,612	843,807	696,704	923,455	774,062	847,105	800,244	696,690
Average	27,319	28,882	31,519	31,414	35,457	38,354	36,488	40,149	36,859	40,339	40,014	33,176

STANDARD AND POOF'S 500 STOCK INDEX FUTURES DAILY VOLUME TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	23,055	35,704	Closed	....	40,991	13,787	41,674	29,449	....	41,728	42,523
2	....	27,881	33,131	....	34,313	36,045	....	37,529	12,865	....	38,408	31,956
3	19,772	26,093	30,973	....	39,365	29,324	....	45,076	....	27,303	37,642	....
4	26,789	26,428	27,282	26,585	37,326	....	Closed	R51,092	....	28,851	32,632	....
5	27,904	....	....	31,934	31,077	....	24,784	31,358	Closed	31,961	....	38,846
6	30,627	....	....	36,000	33,834	35,718	28,268	....	34,404	33,916	....	41,076
7	29,443	26,482	34,583	30,202	....	R48,073	39,296	....	44,387	26,333	32,081	40,105
8	....	27,230	32,384	26,207	....	47,668	23,151	35,496	19,959	....	27,084	39,130
9	....	25,593	31,669	....	33,944	42,796	....	40,649	22,934	....	36,761	33,138
10	28,815	26,905	37,681	....	29,591	25,818	....	39,532	....	29,796	33,767	....
11	27,416	22,201	27,468	32,868	34,507	....	27,759	30,508	....	40,829	24,591	....
12	30,565	....	....	30,843	31,525	....	33,664	20,245	R54,603	34,773	....	26,968
13	25,458	....	....	33,805	25,835	41,697	32,766	....	44,996	31,324	....	38,141
14	21,065	26,132	35,924	31,338	....	45,569	30,812	....	37,136	29,979	35,692	47,010
15	....	29,353	30,006	23,954	....	43,089	22,611	32,662	33,701	....	43,559	41,745
16	....	32,609	36,949	....	29,778	47,500	....	33,982	25,224	....	40,479	26,582
17	25,375	27,147	31,650	....	31,724	23,943	....	34,277	....	38,672	34,978	....
18	27,832	19,505	21,444	24,363	35,165	....	27,839	33,615	....	42,581	27,433	....
19	27,218	....	....	32,385	39,282	....	28,949	27,543	38,356	48,304	....	21,235
20	23,718	....	....	35,136	31,711	33,735	34,455	....	39,717	34,051	....	22,716
21	24,584	Closed	24,583	31,236	....	41,351	36,110	....	35,495	33,524	35,716	29,227
22	....	29,433	23,454	22,876	....	38,267	21,547	39,751	38,881	....	35,546	22,529
23	....	31,231	34,587	....	36,593	34,161	....	37,182	26,148	....	25,133	8,180
24	27,499	34,109	27,917	....	38,880	23,906	....	37,401	....	41,995	Closed	....
25	24,250	28,131	24,961	25,566	R46,641	....	34,188	41,043	....	35,077	Closed	....
26	24,969	....	....	34,352	35,361	....	38,887	27,843	36,610	41,206	....	Closed
27	24,420	....	....	37,692	21,292	34,355	43,508	....	35,974	34,114	....	13,800
28	20,593	34,200	21,933	33,707	....	36,583	40,553	....	32,215	35,273	28,286	14,835
29	....	....	27,622	28,665	....	38,170	46,302	33,833	31,026	....	43,713	16,945
30	....	....	26,104	....	Closed	26,595	....	30,534	22,203	....	47,143	8,682
31	23,643	....	35,820	....	37,944	....	....	40,209	....	45,283	....	....
Total	541,955	523,718	693,829	609,714	715,688	815,354	629,236	823,034	696,283	745,145	702,372	605,369
Average	25,807	27,564	30,166	30,485	34,080	37,061	31,461	35,784	33,156	35,483	35,119	28,827

R-Single Day Record Total

STANDARD AND POOR'S 100 STOCK INDEX FUTURES DAILY VOLUME TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	....	....	....	....	....	....	4,337	2,244	....	5,585	3,653
2	....	....	....	....	....	....	....	3,129	1,037	....	5,276	3,186
3	....	....	....	....	....	....	....	3,794	....	2,561	4,777	....
4	....	....	....	....	....	....	....	3,946	....	2,811	4,294	....
5	....	....	....	....	....	....	....	2,544	Closed	2,266	....	3,421
6	....	....	....	....	....	....	....	....	3,736	4,773	....	3,902
7	....	....	....	....	....	....	....	....	4,314	2,658	3,924	4,034
8	....	....	....	....	....	....	....	4,371	2,016	....	3,270	3,619
9	....	....	....	....	....	....	....	3,704	1,507	....	4,782	3,209
10	....	....	....	....	....	....	....	3,808	....	3,198	4,115	....
11	....	....	....	....	....	....	....	3,130	....	3,838	2,844	....
12	....	....	....	....	....	....	....	2,711	R5,539	3,095	....	2,052
13	....	....	....	....	....	....	....	....	5,009	3,843	....	3,235
14	....	....	....	....	....	....	R4,546	....	3,038	2,606	3,975	2,134
15	....	....	....	....	....	....	3,458	4,110	3,020	....	3,922	2,124
16	....	....	....	....	....	....	....	3,470	2,158	....	3,873	1,670
17	....	....	....	....	....	....	....	3,635	....	4,422	3,998	....
18	....	....	....	....	....	....	4,001	3,279	....	4,655	2,836	....
19	....	....	....	....	....	....	3,694	2,625	3,457	R5,717	....	1,497
20	....	....	....	....	....	....	4,543	....	3,288	4,990	....	943
21	....	....	....	....	....	....	R4,635	....	2,547	3,998	3,562	1,225
22	....	....	....	....	....	....	2,599	3,607	2,461	....	3,858	1,215
23	....	....	....	....	....	....	....	3,575	1,932	....	2,522	217
24	....	....	....	....	....	....	....	3,606	....	5,378	Closed	....
25	....	....	....	....	....	....	3,468	3,381	....	4,484	Closed	....
26	....	....	....	....	....	....	4,254	2,719	2,817	4,730	....	Closed
27	....	....	....	....	....	....	R5,130	....	2,652	4,112	....	665
28	....	....	....	....	....	....	4,357	....	2,206	3,359	2,982	518
29	....	....	....	....	....	....	4,950	3,163	2,749	....	4,098	428
30	....	....	....	....	....	....	....	2,821	1,587	....	3,577	103
31	....	....	....	....	....	....	....	3,042	....	4,832	....	....
Total	....	....	....	....	....	....	49,635	78,507	59,314	82,326	78,070	43,050
Average	....	....	....	....	....	....	4,136	3,413	2,824	3,921	3,904	2,050

R-Single Day Record Total
First day of trading—Jly 14, 1983

RANDOM LENGTH LUMBER FUTURES DAILY VOLUME TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	3,795	3,567	Closed	....	3,879	1,913	1,801	2,586	....	3,241	1,597
2	....	2,554	2,415	....	2,110	4,479	....	3,836	2,000	....	2,508	1,817
3	1,340	1,921	2,569	....	3,580	3,563	....	4,030	....	5,058	3,714	....
4	3,859	3,775	2,303	1,117	4,913	....	Closed	3,475	....	3,143	2,365	....
5	4,096	....	....	2,020	3,194	....	1,973	3,168	Closed	4,208	....	2,756
6	3,389	....	....	1,478	2,976	2,800	3,777	....	2,401	3,956	....	3,284
7	2,750	2,646	1,802	2,726	....	1,060	3,484	....	2,486	4,971	1,982	2,564
8	....	3,111	3,310	1,545	....	685	3,333	1,655	2,934	....	1,822	2,662
9	....	2,438	4,401	....	3,155	5,318	....	6,445	3,175	....	1,486	1,994
10	2,747	2,330	2,722	....	3,573	2,474	....	3,969	....	2,520	2,570	....
11	2,794	3,235	2,637	2,425	4,101	....	3,022	3,535	....	2,960	1,960	....
12	2,266	....	....	3,150	6,749	....	2,803	3,402	3,469	1,883	....	2,580
13	1,985	....	....	3,102	4,174	1.925	2,782	....	4,031	2,464	....	2,939
14	2,600	3,470	1.956	3,528	....	2,638	2,386	....	3,039	1,950	927	1,601
15	...	2,880	2,128	1,862	....	2,773	2,355	3,276	3,320	....	3,163	3,221
16	....	2,503	1,725	....	3,441	2,712	....	2,828	3,000	....	3,209	3,084
17	2,508	3,676	2,242	....	3,528	2,139	....	3,991	....	2,548	2,411	....
18	2,450	2,671	2,576	2,899	2,314	....	2,160	3,795	....	3,293	1,782	....
19	2,151	....	....	3,338	3,703	....	2,517	2,954	3,053	3,413	....	1,598
20	1,735	....	....	2,341	3,366	4,128	4,538	....	3,657	4,288	....	3,280
21	1,657	Closed	1,570	1,444	....	3,253	3,647	....	3,399	2,414	1,164	2,866
22	....	2,872	1,563	1,133	....	3,310	3,761	2,550	4,203	....	1,479	2,206
23	....	2,691	1,735	....	2,273	5,037	....	2,946	4,120	....	1,556	2,081
24	2,947	2,937	2,164	....	2,945	4,186	....	3,389	....	2,635	Closed	....
25	2,482	2,766	3,001	1,916	4,055	....	3,405	5,086	....	3,903	Closed	....
26	3,018	....	....	2,001	4,224	....	3,339	3,071	2,511	3,557	....	Closed
27	2,328	....	....	2,653	3,850	3,633	3,049	....	3,216	3,770	....	1,766
29	2,801	4,435	933	3,792	....	5,446	4,120	....	4,302	2,733	2,008	2,283
29	....	....	1,127	3,857	....	4,773	3,689	1,986	3,525	....	2,416	1,914
30	....	....	1,363	....	Closed	3,343	....	2,490	3,592	....	2,503	1,832
31	3,073	....	1,711	....	4,883	....	....	2,644	....	2,561	....	....
Total	54,976	56,706	51,520	48,327	77,107	73,554	62,053	76,322	68,019	68,228	44,266	49,925
Average	2,617	2,984	2,240	2,416	3,671	3,343	3,102	3,318	3,239	3,249	2,214	2,377

R-Single Day Record Total

STANDARD AND POOR'S 500 STOCK INDEX OPTION ON FUTURES DAILY VOLUME TOTALS DURING 1983 (All Calls and Puts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	667	2,384	Closed	....	2,171	746	1,016	922	....	1,254	952
2	....	913	2,580	....	1,366	1,000	....	573	597	....	564	1,498
3	....	992	2,673	....	1,001	1,608	....	547	....	642	1,452	....
4	....	640	1,578	570	649	....	Closed	1,770	....	314	1,173	....
5	....	....	....	714	1,837	....	814	928	Closed	599	....	2,233
6	....	....	....	648	1,798	1,180	1,087	....	1,542	769	....	1,957
7	....	1,027	1,698	565	....	1,683	1,250	....	1,592	808	908	1,836
8	....	1,037	1,410	358	....	2,357	649	870	603	....	558	3,446
9	....	750	1,804	....	1,388	1,770	....	887	975	....	830	1,846
10	....	1,283	1,802	....	915	640	....	1,093	....	553	828	....
11	....	1,098	2,516	734	927	....	352	765	....	520	1,104	....
12	....	....	....	1,287	1,298	....	1,176	551	1,673	452	....	1,675
13	....	....	....	1,446	583	1,017	876	....	1,185	398	....	1,324
14	....	1,245	1,801	965	....	1,529	614	....	986	347	715	3,093
15	....	1,357	988	651	....	1,860	668	766	1,199	....	718	R4,619
16	....	1,397	1,815	....	1,081	2,934	....	533	993	....	1,558	2,972
17	....	1,043	2,448	....	1,492	720	....	1,061	....	788	612	....
18	....	1,288	518	1,026	1,615	....	585	769	....	714	905	....
19	....	....	....	786	1,441	....	492	740	1,111	1,080	....	3,021
20	....	....	....	1,208	1,298	1,060	915	....	736	490	....	927
21	....	Closed	687	949	....	1,347	724	....	858	1,001	1,812	1,738
22	....	1,678	666	772	....	1,221	580	851	887	....	932	1,257
23	....	1,359	1,197	....	1,429	738	....	498	670	....	1,318	936
24	....	R1,998	664	....	1,780	486	....	619	....	3,270	Closed	....
25	....	1,780	441	806	2,291	....	808	1,332	....	779	Closed	....
26	....	....	....	947	2,039	....	1,085	1,120	303	408	....	Closed
27	....	....	....	1,396	861	488	968	....	396	1,561	....	3,632
28	R1,805	R3,491	318	1,633	....	923	1,687	....	371	2,310	525	2,324
29	....	....	244	1,126	....	1,364	1,757	1,992	186	....	929	2,764
30	....	....	271	....	Closed	357	....	569	680	....	1,107	4,221
31	1,220	....	636	....	1,835	....	....	2,064	....	1,831	....	....
Total	3,025	25,043	31,139	18,587	28,924	28,453	17,833	21,914	18,465	19,634	19,802	48,271
Average	1,512	1,318	1,353	929	1,377	1,293	891	952	879	935	991	2,299

R-Single Day Record Total
First day of trading—Jan. 28, 1983

STANDARD AND POOR'S 500 STOCK INDEX CALL OPTION ON FUTURES DAILY VOLUME TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	432	1,066	Closed	....	1,423	491	497	282	....	879	392
2	....	631	1,106	....	652	635	....	356	364	....	333	1,270
3	....	539	739	....	487	1,058	....	300	....	412	1,367	....
4	....	483	759	256	223	....	Closed	1,187	....	163	1,010	....
5	....	....	....	476	951	....	451	565	Closed	402	....	1,329
6	....	....	....	387	1,066	742	822	....	717	665	....	973
7	....	859	531	394	....	918	935	....	711	453	687	758
8	....	730	537	258	....	1,353	316	435	404	....	390	2,742
9	....	577	834	....	533	1,048	....	609	400	....	588	634
10	....	944	659	....	481	372	....	515	....	262	657	....
11	....	763	767	300	349	....	182	326	....	344	676	....
12	....	....	....	829	711	....	749	310	954	137	....	1,035
13	....	....	....	875	337	599	436	....	619	199	....	642
14	....	753	585	430	....	1,116	359	....	523	142	294	1,395
15	....	826	424	224	....	970	470	458	539	....	375	1,508
16	....	677	605	....	641	R2,411	....	360	849	....	1,283	1,151
17	....	616	918	....	913	473	....	642	....	273	401	....
18	....	563	206	492	833	....	378	488	....	478	498	....
19	....	....	....	449	1,110	....	318	557	878	598	....	197
20	....	....	....	649	766	569	569	....	575	324	....	523
21	....	Closed	355	479	....	827	292	....	562	357	871	560
22	....	1,232	310	350	....	735	413	435	775	....	237	493
23	....	987	626	....	915	531	....	358	446	....	618	859
24	....	1,084	272	....	1,063	263	....	371	....	R2,920	Closed	....
25	....	735	176	463	1,024	....	561	972	....	392	Closed	....
26	....	....	....	427	936	....	549	794	169	200	....	Closed
27	....	....	....	680	521	225	656	....	299	1,365	....	2,603
28	R1,431	R1,556	189	896	....	633	1,309	....	300	1,970	400	1,233
29	....	....	126	395	....	1,059	1,140	1,673	138	....	683	1,517
30	....	....	138	....	Closed	261	....	377	428	....	679	887
31	904	....	404	....	1,377	....	....	1,176	....	1,566	....	....
Total	2,335	14,987	12,332	9,709	15,889	18,221	11,396	13,761	10,952	13,622	12,926	22,701
Average	1,167	788	536	485	756	828	569	598	521	649	647	1,081

R-Single Day Record Total
First day of trading—Jan 28, 1983

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTION ON FUTURES DAILY VOLUME TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	235	1,318	Closed	....	748	255	519	640	....	375	560
2	....	282	1,474	....	714	365	....	217	233	....	231	228
3	....	453	1,934	....	514	550	....	247	....	230	85	....
4	....	157	819	314	426	....	Closed	583	....	151	163	....
5	....	....	....	238	886	....	363	363	Closed	197	....	904
6	....	....	....	261	732	438	265	....	825	104	....	984
7	....	168	1,167	171	....	765	315	....	881	355	221	1,078
8	....	307	873	100	....	1,004	333	435	199	....	168	704
9	....	173	970	....	855	722	....	278	575	....	242	1,212
10	....	339	1,143	....	434	268	....	578	....	291	171	....
11	....	335	1,749	434	578	....	170	439	....	176	428	....
12	....	....	....	458	587	....	427	241	719	315	....	640
13	....	....	....	571	246	418	440	....	566	199	....	682
14	....	R492	1,216	535	....	413	255	....	463	205	421	1,698
15	....	R531	564	427	....	890	198	308	660	....	343	R3,111
16	....	R720	1,210	....	440	523	....	173	144	....	275	1,821
17	....	427	1,530	....	579	247	....	419	....	515	211	....
18	....	R725	312	534	782	....	207	281	....	236	407	....
19	....	....	....	337	331	....	174	183	233	482	....	2,824
20	....	....	....	559	532	491	346	....	161	166	....	404
21	....	Closed	332	470	....	520	432	....	296	644	941	1,178
22	....	446	356	422	....	486	167	416	112	....	695	764
23	....	372	571	....	514	207	....	140	224	....	700	77
24	....	R914	392	....	717	223	....	248	....	350	Closed	....
25	....	R1,045	265	343	1,267	....	247	360	....	387	Closed	....
26	....	....	....	520	1,103	....	536	326	114	208	....	Closed
27	....	....	....	716	340	263	312	....	97	196	....	1,029
28	R374	R1,935	129	737	....	290	378	....	71	340	125	1,091
29	....	....	118	731	....	305	617	319	48	....	246	1,247
30	....	....	133	....	Closed	96	....	192	252	....	428	R3,334
31	316	....	232	....	458	....	....	888	....	265	....	....
Total	690	10,056	18,807	8,878	13,035	10,232	6.437	8,153	7,513	6,012	6,876	25,570
Average	345	529	817	443	620	465	321	354	357	287	344	1,218

R-Single Day Record Total
First day of trading—Jan. 28, 1983

1983 CHICAGO MERCANTILE EXCHANGE MONTH-END OPEN INTEREST

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
CME LIVESTOCK AND MEATS—												
Pork Bellies	19,654	16,510	17,563	16,850	16,870	17,242	12,162	12,268	16,042	16,976	20,242	20,247
Live Hogs	45,184	41,338	39,469	31,915	31,014	30,794	27,173	33,668	33,425	30,049	30,071	33,820
Live Cattle	49,014	56,500	59,992	59,771	58,548	47,307	42,292	49,524	52,174	48,215	49,014	51,629
Feeder Cattle	10,472	12,228	6,471	8,249	9,045	9,346	9,214	10,485	9,783	5,760	5,835	6,703
INTERNATIONAL MONETARY MARKET (I.M.M.)—												
British Pound	20,803	24,311	19,495	24,032	32,900	21,098	22,643	23,505	19,183	18,641	23,105	16,968
Canadian Dollar	21,733	15,270	13.594	13,015	11,695	13,608	12,453	10,466	5,764	6,544	6,979	5,131
Deutschemark	16,806	16,653	18,195	22,944	25,382	23,269	27,585	23,531	30,077	24,460	23,385	22,804
Dutch Gilder	46	46	44	28	15	2	2	....	....	....	....	....
French Franc	1,330	1,343	2,212	2,154	2,741	1,773	1,730	3,083	1,926	1,831	1,761	1,482
Japanese Yen	26,913	31,388	23,095	31,378	39,661	28,279	32,731	27,510	37,616	36,891	34,976	32,998
Mexican Peso	2,804	4,011	3,454	4,643	4,155	3,289	3,392	4,052	3,228	3,200	3,034	1,885
Swiss Franc	28,628	29,288	22,848	30,877	33,679	26,930	29,997	25,367	31,106	23,808	26,793	21,450
Gold Bullion	9,636	9,267	5,220	5,237	5,441	4,789	4,231	3,266	3,771	2,787	2,390	1,373
90-Day T-Bill	47,739	46,795	38,632	44,638	43,846	40,437	45,113	39,938	47,773	51,152	52,422	40,813
3-Mth Cert. of Dep.	15,962	14,577	13,150	13,010	14,698	14,984	18,797	19,470	20,472	24,890	23,579	24,036
3-Mth Eurodollar	22,165	21,506	21,906	22,920	23,355	27,398	31,929	31,837	34,005	43,118	45,377	45,602
INDEX AND OPTIONMARKET (I.O.M.)—												
S&P 500 Futures	15,748	22,841	17,766	25,556	30,796	25,013	28,616	29,747	24,129	29,329	27,967	25,349
S&P 100 Futures	....	....	....	....	....	....	2,643	5,408	2,428	2,755	4,534	2,778
S&P 500 Options	1,444	9,846	3,044	8,995	15,283	9,480	13,354	16,913	6,580	9,555	15,341	20,120
Random Length Lumber	10,492	10,610	10,793	11,425	9,070	8,187	7,963	8,552	8,324	6,771	6,595	7,512
TOTALS—												
CME LIVESTOCK/MEATS	124,324	126,576	125,495	116,785	115,477	104,689	90,841	105,945	111,424	101,000	105,162	112,399
IMM	214,565	214,455	181,845	214,876	237,568	205,856	230,603	212,024	234,921	237,322	243,801	214,542
IOM	27,684	43,297	31,603	45,976	55,149	42,680	52,576	60,620	41,461	48,410	54,437	55,759
EXCHANGE OVERALL	366,573	384,328	338,943	377,637	408,194	353,229	374,020	378,589	387,806	386,732	403,400	382,700
Currencies Only												
Interest Rates Only												
S&P 500 Calls	1,049	5,516	1,328	4,076	7,279	5,885	8,194	10,459	5,375	6,590	9,810	9,988
S&P 500 Puts	395	4,330	1,716	4,919	8,004	3,595	5,160	6,454	1,205	2,965	5,531	10,132

INDEX AND OPTION MARKET DAILY OPEN INTEREST TOTALS DURING 1983 (All I.O.M. Contracts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	R28,538	R45,327	Closed	....	R55,506	42,860	52,963	60,585	....	50,438	54,605
2	....	R29,426	44,562	....	46,666	55,427	....	52,468	59,160	....	50,356	54,838
3	22,400	R29,601	R46,009	....	R47,251	R56,735	....	53,619	....	42,291	48,622	....
4	22,241	R30,444	44,781	31,456	R47,544	....	Closed	54,697	....	42,615	47,895	....
5	22,113	....	....	32,194	R47,722	....	42,287	54,465	Closed	43,334	....	55,590
6	22,995	....	....	33,254	R48,248	R58,075	42,197	....	60,235	45,406	....	55,381
7	22,954	R32,933	45,495	33,973	....	57,880	42,648	....	59,825	46,170	48,600	55,096
8	....	R33,406	45,809	34,542	....	R59,284	42,470	55,465	59,705	....	48,704	53,893
9	....	R33,883	45,940	....	R50,443	59,121	....	58,099	58,931	....	51,022	53,976
10	24,125	R34,596	R46,693	....	R50,840	58,282	....	56,016	....	47,705	50,169	....
11	23,572	R35,940	R47,137	35,002	50,839	....	43,137	57,980	....	46,280	49,812	....
12	25,067	....	....	36,113	49,728	....	44,011	56,649	58,442	46,175	....	55,708
13	25,055	....	....	39,435	49,689	58,594	45,419	....	58,996	46,739	....	56,272
14	25,134	R37,292	R47,162	39,651	....	56,802	47,419	....	56,953	47,817	49,146	56,574
15	....	R37,466	R47,194	40,220	....	58,159	46,486	58,202	45,398	....	48,651	52,687
16	....	R38,315	47,023	....	49,023	52,028	....	57,705	35,228	....	50,586	49,485
17	25,312	R39,760	37,294	....	50,077	37,184	....	57,587	....	48,620	50,522	....
18	25,818	38,926	26,872	41,566	49,845	....	46,361	58,352	....	49,898	50,307	....
19	25,788	....	....	42,167	50,277	....	47,122	58,006	34,961	48,185	....	47,121
20	25,669	....	....	43,215	49,470	38,913	47,428	....	35,937	48,946	....	47,199
21	25,430	Closed	27,233	44,043	....	40,875	48,469	....	38,314	49,023	52,861	47,764
22	....	38,696	28,046	44,530	....	41,956	48,868	59,086	38,759	....	54,001	47,818
23	....	39,735	28,234	....	49,842	41,802	....	R59,486	39,021	....	54,012	48,834
24	25,301	R43,862	29,655	....	R51,467	41,645	....	R60,151	....	48,930	Closed	....
25	25,692	43,770	30,013	44,141	R53,784	....	49,909	59,306	....	48,667	Closed	....
26	25,176	....	....	44,062	R55,044	....	50,208	58,299	40,210	49,033	....	Closed
27	25,988	....	....	45,945	54,938	40,435	51,462	....	40,345	51,401	....	51,512
28	27,090	43,297	29,632	45,338	....	41,928	51,611	....	40,799	48,945	54,622	52,839
29	....	....	30,140	45,976	....	43,240	52,576	59,459	41,230	....	54,933	53,808
30	....	....	30,774	....	Closed	42,680	....	59,125	41,461	....	54,437	55,759
31	R27,684	....	31,603	....	R55,149	....	....	R60,620	....	48,410	....	....
Average	24,803	36,310	38,375	39,841	50,376	49,843	46,647	57,296	47,587	47,362	50,985	52,703

R—Single Day Record Total

I.O.M. FUTURES ONLY DAILY OPEN INTEREST TOTALS DURING 1983 (All I.O.M. Futures Contracts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1........	....	26,840	34,776	Closed	....	39,656	33,156	39,619	43,313	....	40,630	39,077
2........	....	27,425	33,844	....	R37,633	39,297	....	39,128	41,884	....	40,447	39,518
3........	22,400	R27,520	34,561	....	R38,059	39,783	....	40,194	....	35,598	38,849	....
4........	22,241	R28,064	33,124	28,463	R38,111	....	Closed	40,738	....	35,854	38,215	....
5........	22,113	....	....	29,040	38,088	....	32,155	40,130	Closed	36,188	....	39,654
6........	22,995	....	....	29,891	37,712	R40,916	31,943	....	42,238	38,058	....	39,634
7........	22,954	R30,297	33,183	30,491	....	40,156	32,006	....	42,445	38,434	38,732	39,758
8........	....	30,161	33,156	30,935	....	R41,894	31,974	41,028	42,363	....	38,964	39,303
9........	....	R30,498	33,133	....	R39,575	41,384	....	R43,382	41,421	....	41,01[illegible]	38,646
10........	24,125	R30,745	33,724	....	R39,795	40,369	....	41,289	....	39,617	39,786	....
11........	23,572	R31,611	33,017	31,093	39,563	....	32,612	43,140	....	38,137	39,078	....
12........	25,067	....	....	31,713	38,474	....	33,070	41,553	40,808	37,898	....	39,684
13........	25,055	....	....	34,390	38.178	40,309	34,099	....	41,402	38,359	....	39,730
14........	25,134	R32,485	32,555	34,084	....	38,577	35,897	....	39,328	39,298	38,401	39,722
15........	....	32,439	32,601	34,453	....	39,352	34,561	43,057	38,734	....	37,746	40,337
16........	....	R33,022	32,644	....	37,201	41,017	....	42,632	32,171	....	38,780	37,364
17........	25,312	R34,237	31,210	....	37,799	31,221	....	42,092	....	39,577	38,448	....
18........	25,818	33,125	25,085	35,457	37,207	....	34,377	42,771	....	40,499	37,627	....
19........	25,788	....	....	35,838	37,621	....	35,089	41,879	31,358	38,738	....	34,413
20........	25,669	....	....	R36,407	36,702	32,533	35,114	....	31,899	39,438	....	34,208
21........	25,430	Closed	25,199	R36,714	....	33,937	35,930	....	33,728	39,131	39,143	34,976
22........	....	32,474	25,621	R37,014	....	34,259	36,300	42,716	33,544	....	39,949	34,706
23........	....	33,174	26,042	....	37,176	33,824	....	43,088	33,303	....	38,982	35,508
24........	25,301	R36,405	27,222	....	38,285	33,477	....	R43,676	....	39,300	Closed	....
25........	25,692	35,644	27,459	36,649	39,732	....	37,025	43,250	....	39,407	Closed	....
26........	25,176	....	....	36,038	R40,231	....	37,058	42,102	34,378	39,879	....	Closed
27........	25,988	....	....	R37,573	39,905	32,068	38,198	....	34,220	41,193	....	35,943
28........	25,807	33,451	26,993	36,718	....	33,249	38,132	....	34,437	39,612	39,638	35,742
29........	....	....	27,468	36,981	....	33,817	39,222	43,492	34,749	....	39,604	35,533
30........	....	....	28,029	....	Closed	33,200	....	43,110	34,981	....	39,096	35,640
31........	26,240	....	28,559	....	39,866	....	....	R43,707	....	38,855	....	....
Average ..	24,661	31,553	30,399	34,006	38,369	37,014	34,896	41,881	37,021	38,718	39,156	37,577

R—Single Day Record Total

INDEX AND OPTION MARKET OPTIONS ONLY DAILY OPEN INTEREST TOTALS DURING 1983 (All I.O.M. Option Contracts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	R1,698	R10,551	Closed	....	R15,850	9,704	13,344	17,272	....	9,808	15,528
2	....	R2,001	R10,718	....	9,033	R16,130	....	13,340	17,276	....	9,909	15,320
3	....	R2,081	R11,448	....	9,192	R16,952	....	13,425	....	6,693	9,773	....
4	....	R2,380	R11,657	2,993	9,433	....	Closed	13,959	....	6,761	9,680	....
5	....	....	....	3,154	9,634	....	10,132	14,335	Closed	7,146	....	15,936
6	....	....	....	3,363	10,536	R17,159	10,254	....	17,997	7,348	....	15,747
7	....	R2,636	R12,312	3,482	....	R17,724	10,642	....	17,380	7,736	9,868	15,338
8	....	R3,245	R12,653	3,607	....	17,390	10,496	14,437	17,342	....	9,740	14,590
9	....	R3,385	R12,825	....	10,868	R17,737	....	14,717	17,510	....	10,011	15,330
10	....	R3,851	R12,969	....	11,045	R17,913	....	14,727	....	8,088	10,383	....
11	....	R4,329	R14,120	3,909	11,276	....	10,525	14,840	....	8,143	10,734	....
12	....	....	....	4,400	11,254	....	10,941	15,096	17,634	8,277	....	16,024
13	....	....	....	5,045	11,511	R18,285	11,320	....	17,594	8,380	....	16,542
14	....	R4,807	R14,607	5,567	....	18,225	11,522	....	17,625	8,519	10,745	16,852
15	....	R5,027	14,593	5,767	....	R18,807	11,925	15,145	6,664	....	10,905	12,350
16	....	R5,293	14,379	....	11,822	11,011	....	15,073	3,057	....	11,806	12,121
17	....	R5,523	6,084	....	12,278	5,963	....	15,495	....	9,043	12,074	....
18	....	R5,801	1,787	6,109	12,638	....	11,984	15,581	....	9,399	12,680	....
19	....	....	....	6,329	12,606	....	12,033	16,127	3,603	9,447	....	12,708
20	....	....	....	6,808	12,768	6,380	12,314	....	4,038	9,508	....	12,991
21	....	Closed	2,034	7,329	....	6,938	12,539	....	4,586	9,892	13,718	12,788
22	....	R6,222	2,425	7,516	....	7,697	12,568	16,370	5,215	....	14,052	13,112
23	....	R6,561	2,192	....	12,666	7,978	....	16,398	5,718	....	15,030	13,326
24	....	R7,451	2,433	....	13,812	8,168	....	16,475	....	9,630	Closed	....
25	....	R8,126	2,554	7,492	14,052	....	12,884	16,056	....	9,260	Closed	....
26	....	....	....	8,024	R14,813	....	13,150	16,197	5,832	9,154	....	Closed
27	....	....	....	8,372	R15,033	8,367	13,264	....	6,125	10,208	....	15,569
28	R1,283	R9,846	2,639	8,620	....	8,679	13,479	....	6,362	9,333	14,984	17,097
29	....	....	2,672	8,995	....	9,423	13,354	15,967	6,481	....	15,329	18,275
30	....	....	2,745	....	Closed	9,480	....	16,015	6,580	....	15,341	R20,120
31	R1,444	....	3,044	....	R15,283	....	....	16,913	....	9,555	....	....
Average	1,364	4,751	7,976	5,844	11,979	12,830	11,752	15,219	10,566	8,644	11,828	15,127

R—Single Day Record Total
First day of trading—Jan. 28, 1983

STANDARD AND POOR'S PRODUCTS DAILY OPEN INTEREST TOTALS DURING 1983 (All S & P Products)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	R17,909	R34,986	Closed	....	R46,467	34,369	45,049	51,955	....	43,548	47,842
2	....	R18,574	34,100	....	35,302	R46,549	....	44,287	50,839	....	43,164	48,085
3	12,590	R18,845	R35,623	....	35,267	R47,994	....	45,183	....	34,157	41,879	....
4	12,343	R19,895	34,718	20,629	36,081	....	Closed	46,145	....	34,662	41,315	....
5	12,397	....	....	21,318	36,167	....	34,085	46,030	Closed	35,330	....	48,777
6	13,223	....	....	22,415	37,231	R49,227	34,163	....	51,811	37,143	....	48,633
7	13,330	R22,287	35,395	23,107	....	49,077	34,535	....	51,470	37,844	42,199	48,379
8	....	R22,557	35,490	23,650	....	R50,512	34,468	47,055	51,592	....	42,316	47,184
9	....	R23,112	R35,849	....	R39,692	50,276	....	49,522	50,519	....	44,765	47,206
10	14,380	R23,556	R36,891	....	R40,121	49,611	....	47,517	....	39,321	44,145	....
11	13,941	R24,806	R37,477	23,804	R40,180	....	34,965	49,355	....	38,193	43,714	....
12	15,177	....	....	24,875	39,717	....	35,888	48,153	49,808	38,148	....	49,016
13	15,405	....	....	27,852	R40,208	49,834	37,144	....	50,136	38,723	....	49,672
14	15,470	R26,021	37,344	28,130	....	47,944	39,076	....	48,414	39,908	42,872	49,699
15	....	R26,210	37,408	28,558	....	49,360	38,198	49,500	36,873	....	42,444	45,828
16	....	R26,860	36,961	....	39,499	43,006	....	48,950	26,648	....	44,310	42,461
17	15,617	R28,140	27,104	....	R40,223	28,058	....	48,960	....	40,574	44,324	....
18	15,900	27,372	16,792	29,714	39,810	...	38,150	49,429	....	42,092	43,962	....
19	15,843	....	....	30,618	R40,413	....	38,876	49,333	26,150	41,016	....	40,087
20	15,689	....	....	31,686	39,654	29,637	38,956	....	27,035	41,980	....	40,364
21	15,331	Closed	17,348	32,708	....	31,915	40,027	....	29,306	42,213	46,617	40,655
22	....	27,381	18,001	33,114	....	32,998	40,363	50,107	29,944	....	47,801	40,512
23	....	R28,383	18,025	....	39,971	33,130	....	50,421	30,303	....	47,710	41,124
24	15,697	R32,225	19,421	....	R42,267	32,765	....	R51,225	....	42,071	Closed	....
25	15,817	R32,317	19,597	32,695	R43,990	....	41,626	50,547	....	41,897	Closed	....
26	15,351	....	....	32,450	R45,389	....	41,721	49,937	31,403	42,362	....	Closed
27	15,781	....	....	34,200	R45,772	31,696	42,940	....	31,727	44,673	....	43,800
28	R16,781	R32,687	19,243	33,944	....	33,458	43,112	....	32,021	42,041	48,117	45,414
29	....	....	19,561	34,551	....	34,908	44,613	51,054	32,598	....	48,389	46,343
30	....	....	20,056	....	Closed	34,493	....	50,645	33,137	....	47,842	46,247
31	R17,192	....	20,810	....	R46,079	....	....	R52,068	....	41,639	....	....
Average	14,917	25,218	28,183	28,501	40,095	41,042	38,364	48,520	38,977	39,809	44,571	45,683

R—Single Day Record Total

STANDARD AND POOR'S 500 STOCK INDEX FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	16,211	24,435	Closed	....	30,617	24,665	28,843	29,484	....	30,621	27,556
2	....	16,573	23,382	....	R26,269	30,419	....	28,002	28,513	....	30,269	28,065
3	12,590	16,764	24,175	....	26,075	R31,042	....	28,553	....	25,004	29,144	....
4	12,343	R17,515	23,061	17,636	R26,648	....	Closed	29,113	....	25,273	28,890	....
5	12,397	....	....	18,164	26,533	....	23,953	28,160	Closed	25,456	....	28,110
6	13,223	....	....	19,052	R26,695	R32,068	23,909	....	28,562	26,089	....	28,131
7	13,330	R19,651	23,083	19,625	....	31,353	23,893	....	28,919	26,149	29,479	28,137
8	....	19,312	22,837	20,043	....	R33,122	23,792	29,066	29,168	....	29,521	27,644
9	....	R19,727	23,024	....	R28,824	32,539	....	30,791	28,030	....	31,572	27,070
10	14,380	19,705	23,922	....	R29,076	31,698	....	28,856	....	27,122	30,895	....
11	13,941	R20,477	23,357	19,895	28,904	....	24,440	30,620	....	26,024	30,363	....
12	15,177	....	....	20,475	28,463	....	24,947	28,967	27,688	26,104	....	28,796
13	15,405	....	....	22,807	28,697	31,549	25,824	....	28,075	26,448	....	28,386
14	15,470	R21,214	22,737	22,563	....	29,719	25,469	....	26,482	27,318	29,492	28,094
15	....	21,183	22,815	22,791	....	30,553	24,779	29,647	26,003	....	28,669	28,279
16	....	R21,567	22,582	....	27,677	31,995	....	29,114	19,385	....	29,308	24,863
17	15,617	R22,617	21,020	....	27,945	22,095	....	28,801	....	27,754	29,074	....
18	15,900	21,571	15,005	23,605	27,172	....	25,018	29,091	....	28,898	28,116	....
19	15,843	....	....	24,289	27,807	....	25,542	28,458	20,767	28,257	....	24,723
20	15,689	....	....	R24,878	26,886	23,257	24,726	....	21,023	29,371	....	24,577
21	15,331	Closed	15,314	R25,379	....	24,977	25,521	....	22,913	28,973	29,320	24,940
22	....	21,159	15,576	R25,598	....	25,301	25,670	28,737	22,792	....	29,838	24,576
23	....	21,822	15,833	....	27,305	25,152	....	29,079	22,482	....	28,282	25,001
24	15,697	R24,774	16,988	....	28,455	24,597	....	29,775	....	29,283	Closed	....
25	15,817	24,191	17,043	25,203	R29,938	....	26,472	29,503	....	29,769	Closed	....
26	15,351	....	....	24,426	R30,576	....	26,023	28,721	23,486	30,083	....	Closed
27	15,781	....	....	R25,828	R30,739	23,329	26,735	....	23,374	31,317	....	25,419
28	15,498	22,841	16,604	25,324	....	24,779	26,733	....	23,306	29,646	28,508	25,517
29	....	....	16,889	25,556	....	25,485	28,616	30,053	23,713	....	28,419	25,274
30	....	....	17,311	....	Closed	25,013	....	29,431	24,129	....	27,967	25,349
31	15,748	....	17,766	....	R30,796	....	....	29,747	....	29,329	....	....
Average	14,787	20,467	20,207	22,657	28,116	28,212	25,286	29,179	25,157	27,794	29,387	26,596

R—Single Day Record Total

STANDARD AND POOR'S 100 STOCK INDEX FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	....	....	....	....	....	....	2,862	5,199	....	3,119	4,758
2	....	....	....	....	....	....	....	R2,945	5,050	....	2,986	4,700
3	....	....	....	....	....	....	....	R3,205	....	2,460	2,962	....
4	....	....	....	....	....	....	....	3,073	....	2,628	2,745	....
5	....	....	....	....	....	....	....	R3,535	Closed	2,728	....	4,731
6	....	....	....	....	....	....	....	....	5,252	3,706	....	4,755
7	....	....	....	....	....	....	....	....	5,171	3,959	2,852	4,904
8	....	....	....	....	....	....	....	R3,552	5,082	....	3,055	4,950
9	....	....	....	....	....	....	....	R4,014	4,979	....	3,182	4,806
10	....	....	....	....	....	....	....	3,934	....	4,111	2,867	....
11	....	....	....	....	....	....	....	3,895	....	4,026	2,617	....
12	....	....	....	....	....	....	....	R4,090	4,486	3,767	....	4,196
13	....	....	....	....	....	....	....	....	4,467	3,895	....	4,744
14	....	....	....	....	....	....	R2,085	....	4,307	4,071	2,635	4,753
15	....	....	....	....	....	....	1,494	R4,708	4,206	....	2,870	5,199
16	....	....	....	....	....	....	....	R4,763	4,206	....	3,196	R5,477
17	....	....	....	....	....	....	....	4,664	....	3,777	3,176	....
18	....	....	....	....	....	....	1,148	4,757	....	3,795	3,166	....
19	....	....	....	....	....	....	1,301	4,748	1,780	3,312	....	2,656
20	....	....	....	....	....	....	1,916	....	1,974	3,101	....	2,796
21	....	....	....	....	....	....	1,967	....	1,807	3,348	3,579	2,927
22	....	....	....	....	....	....	R2,125	R5,000	1,937	....	3,911	2,824
23	....	....	....	....	....	....	....	4,944	2,103	....	4,398	2,797
24	....	....	....	....	....	....	....	4,975	....	3,158	Closed	....
25	....	....	....	....	....	....	R2,270	4,988	....	2,868	Closed	....
26	....	....	....	....	....	....	R2,548	R5,019	2,085	3,125	....	Closed
27	....	....	....	....	....	....	R2,941	....	2,228	3,148	....	2,812
28	....	....	....	....	....	....	2,900	....	2,353	3,062	4,625	2,800
29	....	....	....	....	....	....	2,643	R5,034	2,404	....	4,641	2,794
30	....	....	....	....	....	....	....	R5,199	2,428	....	4,534	2,778
31	....	....	....	....	....	....	....	R5,408	....	2,755	....	....
Average	....	....	....	....	....	....	2,112	4,122	3,254	3,371	3,356	3,960

R—Single Day Record
First day of trading — Jly 14, 1983

RANDOM LENGTH LUMBER FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	10,629	10,341	Closed	....	9,039	8,491	7,914	8,630	....	6,890	6,763
2	....	10,852	10,462	....	11,364	8,878	....	8,181	8,321	....	7,192	6,753
3	9,810	10,756	10,386	....	11,984	8,741	....	8,436	....	8,134	6,743	....
4	9,898	10,549	10,063	10,827	11,463	....	Closed	8,552	....	7,953	6,580	....
5	9,716	....	....	10,876	11,555	....	8,202	8,435	Closed	8,004	....	6,813
6	9,772	....	....	10,839	11,017	8,848	8,034	....	8,424	8,263	....	6,748
7	9,624	10,646	10,100	10,866	....	8,803	8,113	....	8,355	8,326	6,401	6,717
8	....	10,849	10,319	10,892	....	8,772	8,182	8,410	8,113	....	6,388	6,709
9	....	10,771	10,091	....	10,751	8,845	....	8,577	8,412	....	6,257	6,770
10	9,745	11,040	9,802	....	10,719	8,671	....	8,499	....	8,384	6,024	....
11	9,631	11,134	9,660	11,198	10,659	....	8,172	8,625	....	8,087	6,098	....
12	9,890	....	....	11,238	10,011	....	8,123	8,496	8,634	8,027	....	6,692
13	9,650	....	....	11,583	9,481	8,760	8,275	....	8,860	8,016	....	6,600
14	9,664	11,271	9,818	11,521	....	8,858	8,343	....	8,539	7,909	6,274	6,875
15	....	11,256	9,786	11,662	....	8,799	8,288	8,702	8,525	....	6,207	6,859
16	....	11,455	10,062	....	9,524	9,022	....	8,755	8,580	....	6,276	7,024
17	9,695	11,620	10,190	....	9,854	9,126	....	8,627	....	8,046	6,198	....
18	9,918	11,554	10,080	11,852	10,035	....	8,211	8,923	....	7,806	6,345	....
19	9,945	....	....	11,549	9,814	....	8,246	8,673	8,811	7,169	....	7,034
20	9,980	....	....	11,529	9,816	9,276	8,472	....	8,902	6,966	....	6,835
21	10,099	Closed	9,885	11,335	....	8,960	8,442	....	9,008	6,810	6,244	7,109
22	....	11,315	10,045	11,416	....	8,958	8,505	8,979	8,815	....	6,200	7,306
23	....	11,352	10,209	....	9,871	8,672	....	9,065	8,718	....	6,302	7,710
24	9,604	11,631	10,234	....	9,830	8,880	....	8,926	....	6,859	Closed	....
25	9,875	11,453	10,416	11,446	9,794	....	8,283	8,759	....	6,770	Closed	....
26	9,825	....	....	11,612	9,655	....	8,487	8,362	8,807	6,671	....	Closed
27	10,207	....	....	11,745	9,166	8,739	8,522	....	8,618	6,728	....	7,712
28	10,309	10,610	10,389	11,394	....	8,470	8,499	....	8,778	6,904	6,505	7,425
29	....	....	10,579	11,425	....	8,332	7,963	8,405	8,632	....	6,544	7,465
30	....	....	10,718	....	Closed	8,187	....	8,480	8,324	....	6,595	7,512
31	10,492	....	10,793	....	9,070	....	....	8,552	....	6,771	....	....
Average	9,874	11,086	10,192	11,349	10,253	8,802	8,293	8,580	8,610	7,553	6,413	7,021

R—Single Day Record Total

STANDARD AND POOR'S 500 STOCK INDEX OPTION ON FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Calls and Puts)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	R1,698	R10,551	Closed	....	R15,850	9,704	13,344	17,272	....	9,808	15,528
2	....	R2,001	R10,718	....	9,033	R16,130	....	13,340	17,276	....	9,909	15,320
3	....	R2,081	R11,448	....	9,192	R16,952	....	13,425	....	6,693	9,773	....
4	....	R2,380	R11,657	2,993	9,433	....	Closed	13,959	....	6,761	9,680	....
5	....	....	....	3,154	9,634	....	10,132	14,335	Closed	7,146	....	15,936
6	....	....	....	3,363	10,536	R17,159	10,254	....	17,997	7,348	....	15,747
7	....	R2,636	R12,312	3,482	....	R17,724	10,642	....	17,380	7,736	9,868	15,338
8	....	R3,245	R12,653	3,607	....	17,390	10,496	14,437	17,342	....	9,740	14,590
9	....	R3,385	R12,825	....	10,868	R17,737	....	14,717	17,510	....	10,011	15,330
10	....	R3,851	R12,969	....	11,045	R17,913	....	14,727	....	8,088	10,383	....
11	....	R4,329	R14,120	3,909	11,276	....	10,525	14,840	....	8,143	10,734	....
12	....	....	....	4,400	11,254	....	10,941	15,096	17,634	8,277	....	16,024
13	....	....	....	5,045	11,511	R18,285	11,320	....	17,594	8,380	....	16,542
14	....	R4,807	R14,607	5,567	....	18,225	11,522	....	17,625	8,519	10,745	16,852
15	....	R5,027	14,593	5,767	....	R18,807	11,925	15,145	6,664	....	10,905	12,350
16	....	R5,293	14,379	....	11,822	11,011	....	15,073	3,057	....	11,806	12,121
17	....	R5,523	6,084	....	12,278	5,963	....	15,495	....	9,043	12,074	....
18	....	R5,801	1,787	6,109	12,638	....	11,984	15,581	....	9,399	12,680	....
19	....	....	....	6,329	12,606	....	12,033	16,127	3,603	9,447	....	12,708
20	....	....	....	6,808	12,768	6,380	12,314	....	4,038	9,508	....	12,991
21	....	Closed	2,034	7,329	....	6,938	12,539	....	4,586	9,892	13,718	12,788
22	....	R6,222	2,425	7,516	....	7,697	12,568	16,370	5,215	....	14,052	13,112
23	....	R6,561	2,192	....	12,666	7,978	....	16,398	5,718	....	15,030	13,326
24	....	R7,451	2,433	....	13,812	8,168	....	16,475	....	9,630	Closed	....
25	....	R8,126	2,554	7,492	14,052	....	12,884	16,056	....	9,260	Closed	....
26	....	....	....	8,024	R14,813	....	13,150	16,197	5,832	9,154	....	Closed
27	....	....	....	8,372	R15,033	8,367	13,264	....	6,125	10,208	....	15,569
28	R1,283	R9,846	2,639	8,620	....	8,679	13,479	....	6,362	9,333	14,984	17,097
29	....	....	2,672	8,995	....	9,423	13,354	15,967	6,481	....	15,329	18,275
30	....	....	2,745	....	Closed	9,480	....	16,015	6,580	....	15,341	R20,120
31	R1,444	....	3,044	....	R15,283	....	....	16,913	....	9,555	....	....
Average	1,364	4,751	7,976	5,844	11,979	12,830	11,752	15,219	10,566	8,644	11,828	15,127

R—Single Day Record Total
First day of trading — Jan. 28, 1983

STANDARD AND POOR'S 500 STOCK INDEX CALL OPTION ON FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	R1,206	R5,608	Closed	....	R7,816	5,944	8,139	R10,507	....	6,774	9,749
2	....	R1,342	R5,645	....	4,086	R8,074	....	8,205	10,453	....	6,787	9,635
3	....	R1,381	R5,722	....	4,161	R8,698	....	8,297	....	5,407	6,679	....
4	....	R1,585	5,627	1,352	4,241	....	Closed	8,733	....	5,465	6,560	....
5	....	....	....	1,449	4,431	....	6,162	8,926	Closed	5,775	....	9,810
6	....	....	....	1,646	5,053	R8,800	6,234	....	R10,595	5,953	....	9,356
7	....	R1,774	R5,735	1,788	....	R9,045	6,558	....	9,858	6,166	6,638	9,231
8	....	R2,182	R5,958	1,881	....	8,684	6,440	8,884	9,777	....	6,514	8,728
9	....	R2,292	R6,028	....	5,146	8,895	....	9,134	9,602	....	6,777	8,876
10	....	R2,656	6,028	....	5,303	9,004	....	9,098	....	6,316	7,080	....
11	....	R3,033	R6,314	1,882	5,310	....	6,411	R9,188	....	6,360	7,335	....
12	....	....	....	2,118	5,377	....	6,834	R9,377	9,744	6,366	....	9,447
13	....	....	....	2,505	5,507	R9,142	7,015	....	9,814	6,367	....	9,815
14	....	R3,319	R6,556	2,705	....	8,914	7,166	....	9,900	6,467	7,165	9,506
15	....	R3,420	6,529	2,628	....	8,949	7,488	R9,421	2,294	....	7,214	4,447
16	....	R3,532	6,397	....	5,682	8,451	....	9,376	2,377	....	8,133	4,234
17	....	R3,651	2,235	....	6,052	3,383	....	R9,563	....	6,560	8,328	....
18	....	R3,800	777	2,757	6,196	....	7,543	R9,582	....	6,847	8,628	....
19	....	....	....	2,920	6,137	....	7,562	R10,034	2,792	5,849	....	4,219
20	....	....	....	3,137	6,216	8,615	7,760	....	3,158	6,849	....	4,321
21	....	Closed	888	3,363	....	3,931	7,860	....	3,608	6,871	9,204	4,473
22	....	R4,143	1,091	3,385	....	4,353	7,839	R10,183	4,227	....	9,292	4,650
23	....	R4,481	947	....	6,052	4,601	....	R10,199	4,579	....	9,796	5,084
24	....	R4,691	1,001	....	6,357	4,743	....	R10,297	....	6,502	Closed	....
25	....	R4,719	1,051	3,302	6,484	....	8,073	9,981	....	6,249	Closed	....
26	....	....	....	3,555	R7,022	....	8,240	10,220	4,670	6,259	....	Closed
27	....	....	....	3,770	R7,092	4,870	8,316	....	4,942	7,279	....	7,350
28	R962	R5,516	1,101	3,997	....	5,147	8,386	....	5,174	6,430	9,715	8,361
29	....	....	1,128	4,076	....	5,811	8,194	10,008	5,256	....	9,958	9,297
30	....	....	1,137	....	Closed	5,885	....	10,121	5,375	....	9,810	9,988
31	R1,049	....	1,328	....	R7,279	....	....	R10,459	....	6,590	....	....
Average	1,006	3,091	3,688	2,711	5,675	6,855	7,301	9,453	6,605	6,377	7,919	7,647

R—Single Day Record Total
First day of trading—Jan 28, 1983

STANDARD AND POOR'S 500 STOCK INDEX PUT OPTION ON FUTURES DAILY OPEN INTEREST TOTALS DURING 1983 (All Delivery Months)

	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1........	....	R492	R4,943	Closed	....	8,034	3,760	5,205	6,765	....	3,034	5,779
2........	....	R659	R5,073	....	4,947	8,056	....	5,135	6,823	....	3,123	5,685
3........	....	R700	R5,726	....	5,031	R8,254	....	5,128	....	1,286	3,094	....
4........	....	R795	R6,030	1,641	5,192	....	Closed	5,226	....	1,296	3,120	....
5........	....	....	....	1,705	5,203	....	3,970	5,409	Closed	1,371	....	6,126
6........	....	....	....	1,717	5,483	R8,359	4,020	....	7,402	1,395	....	6,391
7........	....	R852	R6,577	1,694	....	R8,679	4,084	....	7,522	1,570	3,230	6,107
8........	....	R1,063	R6,695	1,726	....	R8,706	4,056	5,553	7,565	....	3,226	5,862
9........	....	R1,093	R6,797	....	5,722	R8,842	....	5,583	7,908	....	3,234	6,454
10........	....	R1,195	R6,941	....	5,742	R8,909	....	5,629	....	1,772	3,303	....
11........	....	R1,296	R7,806	2,027	5,966	....	4,114	5,652	....	1,783	3,399	....
12........	....	....	....	2,282	5,877	....	4,107	5,719	7,890	1,911	....	6,577
13........	....	....	....	2,540	6,004	R9,143	4,305	....	7,780	2,004	....	6,727
14........	....	R1,488	R8,051	2,862	....	R9,311	4,356	....	7,725	2,052	3,580	7,346
15........	....	R1,607	R8,064	3,139	....	R9,858	4,437	5,724	4,370	....	3,691	7,903
16........	....	R1,761	7,982	....	6,140	2,560	....	5,697	680	....	3,673	7,877
17........	....	R1,872	3,849	....	6,226	2,580	....	5,932	....	2,483	3,746	....
18........	....	R2,001	1,010	3,352	6,442	....	4,441	5,999	....	2,552	4,052	....
19........	....	....	....	3,409	6,469	....	4,471	6,093	811	2,598	....	8,489
20........	....	....	....	3,671	6,552	2,765	4,554	....	880	2,659	....	8,670
21........	....	Closed	1,146	3,966	....	3,007	4,679	....	978	3,021	4,514	8,315
22........	....	R2,079	1,334	4,131	....	3,344	4,729	6,187	988	....	4,760	8,462
23........	....	R2,080	1,245	....	6,614	3,377	....	6,199	1,139	....	5,234	8,242
24........	....	R2,766	1,432	....	6,825	3,425	....	6,178	....	3,128	Closed	....
25........	....	R3,407	1,503	4,190	7,568	....	4,811	6,075	....	3,011	Closed	....
26........	....	....	....	4,469	7,791	....	4,910	5,977	1,162	2,895	....	Closed
27........	....	....	....	4.602	7,941	3,497	4,948	....	1,183	2,929	....	8,219
28........	R321	R4,330	1,538	4,623	....	3,532	5,093	....	1,188	2,903	5,269	8,736
29........	....	....	1,544	4,919	....	3,612	5,160	5,959	1,225	....	5,371	8,978
30........	....	....	1,608	....	Closed	3,595	....	5,894	1,205	....	5,531	R10,132
31........	R395	....	1,716	....	8,004	....	....	6,454	....	2,965	....	....
Average	358	1,660	4,287	3,133	6,273	5,975	4,450	5,766	3,961	2,266	3,909	7,480

R—Single Day Record Total
First day of trading — Jan. 28, 1983

I.O.M. MONTHLY TOTAL VOLUME (All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	71,660	163,925	308,794	271,349	409,078	437,920	534,458	566,671	543,118	3,452,151
1983	599,956	605,467	776,488	676,628	821,719	917,361	758,757	999,777	842,081	915,333	844,510	746,615	9,504,692

I.O.M. FUTURES ONLY MONTHLY TOTAL VOLUME (All I.O.M. Futures Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	71,660	163,925	308,794	271,349	409,078	437,920	538,458	566,671	543,118	3,452,151
1983	596,931	580,424	745,349	658,041	792,795	888,908	740,924	977,863	823,616	895,699	824,708	698,340	9,223,602

I.O.M. OPTIONS ONLY MONTHLY TOTAL VOLUME (All I.O.M. Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	3,025	25,043	31,139	18,587	28,924	28,453	17,833	21,914	18,465	19,634	19,802	48,271	281,090

S & P PRODUCTS MONTHLY TOTAL VOLUME (All S & P Contracts, including Options)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	27,544	123,097	261,282	236,825	373,646	408,085	490,085	515,625	498,731	2,935,532
1983	544,980	548,761	724,968	628,301	744,612	843,807	696,704	923,455	774,062	847,105	800,244	696,690	8,773,689

S & P 500 STOCK INDEX FUTURES MONTHLY TOTAL VOLUME (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	27,544	123,097	261,282	236,825	373,646	408,085	490,085	515,625	498,731	2,935,532
1983	541,955	523,718	693,829	609,714	715,688	815,354	629,236	823,034	696,283	745,145	702,372	605,369	8,101,697

S & P 100 STOCK INDEX FUTURES MONTHLY TOTAL VOLUME (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	—	—	—	—	49,635	78,507	59,314	82,326	78,070	43,050	390,902

RANDOM LENGTH LUMBER FUTURES MONTHLY TOTAL VOLUME (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1969	—	—	—	—	—	—	—	—	—	416	218	110	744
1970	357	283	817	528	519	403	411	18,240	21,613	13,300	12,187	16,845	85,513
1971	13,653	9,563	7,633	4,628	7,421	7,358	6,926	10,202	9,293	6,472	7,455	9,544	100,148
1972	3,814	3,082	3,486	2,628	1,722	4,714	4,963	5,780	5,964	9,485	11,093	9,808	66,539
1973	10,380	12,185	10,657	9,881	17,107	12,173	16,933	20,367	20,006	23,104	22,142	19,857	194,792
1974	18,502	17,909	24,242	25,152	22,483	19,059	20,776	15,222	20,178	26,142	16,324	12,438	238,427
1975	21,687	16,222	20,220	26,911	27,985	22,751	23,376	19,759	16,799	19,169	17,588	23,785	256,252
1976	26,666	24,460	33,325	32,048	26,327	30,833	29,689	27,545	32,738	28,202	29,061	29,636	350,530
1977	36,207	32,311	43,492	34,860	37,363	37,118	31,267	58,502	38,980	48,104	45,900	42,587	486,691
1978	47,910	43,703	46,876	43,759	42,578	36,330	38,252	46,138	49,347	55,495	54,371	55,739	560,498
1979	60,964	57,594	52,316	43,097	46,530	50,265	44,093	62,923	56,421	71,518	63,777	39,980	649,478
1980	59,063	61,288	73,412	86,057	80,196	68,528	76,296	65,740	73,660	76,984	59,076	58,376	838,676
1981	51,173	45,937	54,295	60,517	51,007	58,879	49,427	49,428	45,592	57,021	55,044	51,614	635,934
1982	51,268	45,193	44,717	44,116	40,828	47,512	34,524	35,432	29,835	47,761	51,046	44,387	516,619
1983	54,976	56,706	51,520	48,327	77,107	73,554	62,053	76,322	68,019	68,228	44,266	49,925	731,003

S & P 500 STOCK INDEX OPTIONS ON FUTURES MONTHLY TOTAL VOLUME (All S & P 500 Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	3,025	25,043	31,139	18,587	28,924	28,453	17,833	21,914	18,465	19,634	19,802	48,271	281,090

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES MONTHLY TOTAL VOLUME (All S & P 500 Call Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	2,335	14,987	12,332	9,709	15,889	18,221	11,396	13,761	10,952	13,622	12,926	22,701	158,831

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES MONTHLY TOTAL VOLUME (All S & P 500 Put Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	690	10,056	18,807	8,878	13,035	10,232	6,437	8,153	7,513	6,012	6,876	25,570	122,259

I.O.M. MONTHLY TOTAL VOLUME HIGH (One Day Total, All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	7,354	16,118	18,996	18,516	25,593	26,577	38,566	35,739	43,720	43,720
1983	34,016	42,126	42,205	41,741	52,987	53,146	56,698	60,283	65,284	58,514	54,330	53,838	65,284

I.O.M. FUTURES ONLY MONTHLY TOTAL VOLUME HIGH (One Day Total, All !.O.M. Futures Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	7,354	16,118	18,996	18,516	25,593	26,577	38,566	35,739	43,720	43,720
1983	34,016	38,635	40,403	40,345'	50,696	50,212	54,941	58,513	63,611	57,434	53,223	50,745	63,611

I.O.M. OPTIONS ONLY MONTHLY TOTAL VOLUME HIGH (One Day Total, All I.O.M. Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,805	3,491	2,673	1,633	2,291	2,934	1,757	2,064	1,673	3,270	1,812	4,619	4,619

S & P PRODUCTS MONTHLY TOTAL VOLUME HIGH (One Day Total, All S & P Contracts, including Options)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	4,151	14,136	16,904	15,394	23,458	25,227	36,677	33,111	41,761	41,761
1983	30,627	37,691	39,483	39,068	48,932	50,434	53,009	56,808	61,815	55,101	51,827	52,237	61,815

S & P 500 INDEX FUTURES MONTHLY TOTAL VOLUME HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	4,151	14,136	16,904	15,394	23,458	25,227	36,677	33,111	41,761	41,761
1983	30,627	34,200	37,681	37,692	46,641	48,073	46,302	51,092	54,603	48,304	47,143	47,010	54,603

S & P 100 STOCK INDEX FUTURES MONTHLY TOTAL VOLUME HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	—	—	—	—	5,130	4,371	5,539	5,717	5,585	4,034	5,717

RANDOM LENGTH LUMBER FUTURES MONTHLY VOLUME HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1970	35	38	115	80	88	45	44	5,682	3,836	1,915	1,862	2,943	5,682
1971	3,963	1,428	1,371	389	929	803	948	1,108	1,227	1,532	1,285	1,751	3,963
1972	578	325	515	501	193	554	640	480	893	965	1,096	1,758	1,758
1973	1,110	1,057	848	762	1,579	1,021	1,679	1,288	1,642	1,819	2,125	1,750	2,125
1974	1,711	1,679	1,755	1,668	1,623	1,673	1,564	1,332	1,774	2,112	1,343	1,159	2,112
1975	1,513	1,343	1,672	1,669	2,047	1,868	1,823	1,534	1,457	1,645	1,562	1,738	2,047
1976	1,700	2,190	2.235	2.278	2,028	2,159	3,241	2,082	2,658	2,403	2,604	2,110	3,241
1977	2,624	2,611	3,729	2,392	2,978	2,680	3,318	3,536	2,836	3,696	3,252	3,133	3,729
1978	3,597	4,063	3,153	3,509	2,550	2,696	3,390	3,236	3,474	3,603	4,048	3,958	4,063
1979	4,075	4,785	3,506	3,798	3,494	3,973	3,317	4,231	5,904	5,950	5,497	3,413	5,950
1980	4,697	6,295	4,471	6,878	5,379	4,570	5.366	5,660	5,024	5,516	5,950	4,289	6,878
1981	4,419	3,456	3,610	4,139	4,731	3,778	2,803	3,300	3,025	3,352	3,896	3,818	4,731
1982	3,789	3,979	2,959	3,246	3,494	3,854	3,122	3,173	2,813	3,361	3,151	4,340	4,340
1983	4,096	4,435	4,401	3,857	6,749	5,446	4,538	6,445	4,302	5,058	3,714	3,284	6,749

S & P 500 STOCK INDEX OPTIONS ON FUTURES MONTHLY TOTAL VOLUME HIGH (One Day Total, All S & P Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,805	3,491	2,673	1,633	2,291	2,934	1,757	2,064	1,673	3,270	1,812	4,619	4,619

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES MONTHLY TOTAL VOLUME HIGH (One Day Total, All S & P 500 Call Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,431	1,556	1,106	896	1,377	2,411	1,309	1,673	954	2,920	1,367	2,742	2,920

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES MONTHLY TOTAL VOLUME HIGH (One Day Total, All S & P 500 Put Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	374	1,935	1,934	737	1,267	1,004	617	888	881	644	941	3,334	3,334

I.O.M. MONTHLY MONTH-END TOTAL OPEN INTEREST (All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982	—	—	—	9,073	13,358	15,251	20,111	19,629	18,989	20,907	27,091	21,596
1983	27,684	43,297	31,603	45,976	55,149	42,680	52,576	60,620	41,461	48,410	54,437	55,759

I.O.M. FUTURES ONLY MONTHLY MONTH-END TOTAL OPEN INTEREST (All I.O.M. Futures Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982	—	—	—	9,073	13,358	15,251	20,111	19,629	18,989	20,907	27,091	21,596
1983	26,240	33,451	28,559	36,981	39,866	33,200	39,222	43,707	34,881	38,855	39,096	35,640

I.O.M. OPTIONS ONLY MONTHLY MONTH-END TOTAL OPEN INTEREST (All I.O.M. Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1983	1,444	9,846	3,044	8,995	15,283	9,480	13,354	16,913	6,580	9,555	15,341	20,120

S & P PRODUCTS MONTHLY MONTH-END TOTAL OPEN INTEREST (All S & P Conracts, Including Options)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982	—	—	—	1,613	6,780	9,603	15,482	13,840	12,901	12,625	16,601	11,681
1983	17,192	32,687	20,810	34,551	46,079	34,493	44,613	52,068	33,137	41,639	47,842	48,247

S & P 500 STOCK INDEX FUTURES MONTHLY MONTH-END TOTAL OPEN INTEREST (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1982	—	—	—	1,613	6,780	9,603	15,482	13,840	12,901	12,625	16,601	11,681
1983	15,748	22,841	17,766	25,556	30,796	25,013	28,616	29,747	24,129	29,329	27,967	25,349

S & P 100 STOCK INDEX FUTURES MONTHLY MONTH-END TOTAL OPEN INTEREST (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1983	—	—	—	—	—	—	2,643	5,408	2,428	2,755	4,534	2,778

RANDOM LENGTH LUMBER FUTURES MONTHLY MONTH-END OPEN INTEREST (All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1969	—	—	—	—	—	—	—	—	—	277	369	404
1970	526	536	439	404	313	336	305	3,147	4,325	3,490	4,770	6,748
1971	1,890	2,248	2,220	2,523	2,573	2,581	3,145	2,637	2,243	2,396	2,823	2,861
1972	1,844	1,936	2,243	1,892	1,479	2,048	1,854	1,576	1,971	2,424	2,525	2,922
1973	1,500	2,082	1,963	2,164	2,304	2,420	3,192	3,294	3,894	4,332	3,884	4,838
1974	3,334	3,972	3,328	2,943	3,234	3,045	3,374	3,547	3,344	3,798	3,511	3,030
1975	3,585	3,050	3,418	4,078	3,523	4,204	3,936	3,866	3,022	3,594	3,833	3,992
1976	4,076	5,232	5,029	5,101	4,658	6,437	5,101	5,028	4,582	4,660	6,369	6,852
1977	6,052	6,266	6,935	7,157	6,588	8,053	6,823	6,707	6,582	6,001	6,468	8,193
1978	7,523	8,770	8,202	8,390	9,233	8,362	7,730	8,078	7,551	7,365	6,547	8,122
1979	8,420	9,059	7,851	7,127	8,055	7,380	8,901	11,039	10,426	10,664	10,125	10,260
1980	10,828	10,587	9,948	10,130	11,452	11,736	12,461	11,644	13,734	14,251	12,829	9,338
1981	8,882	9,053	8,029	8,102	7,639	8,161	8,554	7,586	7,699	8,809	8,808	9,067
1982	9,328	8,982	6,990	7,460	6,578	5,648	4,629	5,789	6,088	8,282	10,490	9,915
1983	10,492	10,610	10,793	11,425	9,070	8,187	7,963	8,552	8,324	6,771	6,595	7,512

S & P 500 STOCK INDEX OPTIONS ON FUTURES MONTHLY MONTH-END TOTAL OPEN INTEREST (All S & P 500 Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1983	1,444	9,846	3,044	8,995	15,283	9,480	13,354	16,913	6,580	9,555	15,341	20,120

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES MONTHLY MONTH-END TOTAL OPEN INTEREST (All S & P 500 Call Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1983	1,049	5,516	1,328	4,076	7,279	5,885	8,194	10,459	5,375	6,590	9,810	9,988

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES MONTHLY MONTH-END TOTAL OPEN INTEREST (All S & P 500 Put Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec
1983	395	4,330	1,716	4,919	8,004	3,595	5,160	6,454	1,205	2,965	5,531	10,132

I.O.M. MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All I.O.M. Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	9,503	14,539	16,758	21,590	20,783	20,303	22,725	27,091	27,496	27,496
1983	27,684	43,862	47,194	45,976	55,149	59,284	52,576	60,620	60,585	51,401	54,933	56,574	60,620

I.O.M. FUTURES ONLY MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All I.O.M. Futures Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	9,503	14,539	16,758	21,590	20,783	20,303	22,725	27,091	27,496	27,496
1983	26,240	36,405	34,776	37,573	40,231	41,894	39,222	43,707	43,313	41,193	41,011	40,337	43,707

I.O.M. OPTIONS ONLY MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All I.O.M. Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,444	9,846	14,607	8,995	15,283	18,807	13,479	16,913	17,997	10,208	15,341	20,120	20,120

S & P PRODUCTS MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All S & P Contracts, including Options)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	1,613	7,881	10,417	16,745	15,890	14,431	14,214	16,601	16,811	16,811
1983	17,192	32,687	37,477	34,551	46,079	50,512	44,613	52,068	51,955	44,673	48,389	49,699	52,068

S & P 500 STOCK INDEX FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	1,613	7,881	10,417	16,745	15,890	14,431	14,214	16,601	16,811	16,811
1983	15,900	24,774	24,435	25,828	30,796	33,122	28,616	30,791	29,484	31,317	31,572	28,796	33,122

S & P 100 STOCK INDEX FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	—	—	—	—	2,941	5,408	5,252	4,111	4,641	5,477	5,477

RANDOM LENGTH LUMBER FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All Delivery Months)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1977	7,043	6,520	7,104	7.675	7,194	8,072	8,245	6,264	6,864	7,353	6,468	8,269	8,269
1978	8,367	9,803	8,888	9,263	9,371	9,309	8,339	6,992	8,095	8.278	7,262	8,458	9,371
1979	8,420	8,787	9,164	8,306	8,055	8,478	8,901	11,227	11,145	11,443	11,433	10,547	11,443
1980	10,830	12,806	10,980	10,301	11,990	11,866	12,461	14,136	14,012	14,841	14,056	12,525	14,841
1981	9,501	9,755	8,852	8,763	8,231	8,906	8,594	8,673	8,240	8,896	8,808	9,219	9,755
1982	9,573	9,708	8,937	7,906	7,850	6,601	5,632	6,095	6,131	8,826	10,490	10,981	10,981
1983	10,492	11,631	10,793	11,852	11,984	9,276	8,522	9,065	9,008	8,384	7,192	7,712	11,984

S & P 500 STOCK INDEX OPTIONS ON FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All S & P 500 Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,444	9,846	14,607	8,995	15,283	18,807	13,479	16,913	17,997	10,208	15,341	20,120	20,120

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All S & P 500 Call Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	1,049	5,516	6,556	4,076	7,279	9,142	8,386	10,459	10,595	7,279	9,958	9,988	10,595

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES MONTHLY TOTAL OPEN INTEREST HIGH (One Day Total, All S & P 500 Put Option Contracts)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	395	4,330	8,064	4,919	8,004	9,858	5,160	6,454	7,908	3,128	5,531	10,132	10,132

S & P 500 STOCK INDEX FUTURES CONTRACTS DELIVERED ON THE I.O.M. VIA CASH SETTLEMENT

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1982	—	—	—	—	—	539	—	—	1,172	—	—	2,837	4,548
1983	—	—	5,535	—	—	8,712	—	—	7,554	—	—	5,289	27,090

S & P 100 STOCK INDEX FUTURES CONTRACTS DELIVERED ON THE I.O.M. VIA CASH SETTLEMENT

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	—	—	—	—	—	—	2,456	—	—	3,380	5,836

RANDOM LENGTH LUMBER FUTURES CONTRACTS DELIVERED ON THE I.O.M. (C.M.E./A.M.M. prior to Apr 1982)

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1970	—	—	13	—	—	—	17	—	—	—	11	—	41
1971	2	—	11	—	14	—	37	—	71	—	11	—	146
1972	18	—	15	—	21	—	28	—	64	—	54	—	200
1973	61	—	67	—	48	—	34	—	125	—	65	—	400
1974	38	—	44	—	24	—	32	—	51	—	39	—	228
1975	41	—	14	—	54	—	132	—	42	—	22	—	305
1976	104	—	49	—	51	—	51	—	25	—	23	—	303
1977	72	—	12	—	56	—	126	—	20	—	30	—	316
1978	34	—	19	—	40	—	68	—	60	—	15	—	236
1979	57	—	12	—	17	—	56	—	32	—	14	—	188
1980	22	—	41	—	44	—	18	—	22	—	39	—	186
1981	62	—	27	—	105	—	44	—	60	—	1	—	299
1982	53	—	3	—	211	—	117	—	43	—	323	—	750
1983	112	—	100	—	70	—	55	—	159	—	114	—	610

S & P 500 STOCK INDEX OPTIONS ON FUTURES CONTRACTS EXERCISED (Calls and Puts)*

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	4,562	—	—	6,014	—	—	5,200	—	—	3,146	18,922

S & P 500 STOCK INDEX CALL OPTIONS ON FUTURES CONTRACTS EXERCISED*

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	1,573	—	—	5,864	—	—	1,211	—	—	646	9,204

S & P 500 STOCK INDEX PUT OPTIONS ON FUTURES CONTRACTS EXERCISED*

Year	Jan	Feb	Mar	Apr	May	Jne	Jly	Aug	Sep	Oct	Nov	Dec	Annual
1983	—	—	—	—	—	150	—	—	4,079	—	—	2,500	9,718

*The number of option contracts exercised, regardless of the date of exercise, on the underlying futures contract, for delivery in the specified month.

Section Four

CASH MARKETS AND FUNDAMENTALS

STANDARD & POOR'S 500 STOCK COMPOSITE
DAILY HIGH, LOW AND CLOSING STOCK PRICE INDEX DURING 1983

	JAN			FEB			MAR		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	145.29	142.96	142.96	150.88	148.07	150.88
2	....	....	....	143.52	141.90	143.23	152.63	150.91	152.30
3	141.33	138.20	138.34	144.43	143.25	144.26	154.16	152.31	153.48
4	141.36	138.08	141.35	146.14	144.14	146.14	153.67	152.53	153.67
5	142.60	141.15	141.96	....	....	....	....	....	....
6	145.78	142.01	145.27	....	....	....	....	....	....
7	146.46	145.15	145.18	147.42	146.14	146.93	154.00	152.65	153.67
8	....	....	....	147.21	145.52	145.70	153.63	151.26	151.26
9	....	....	....	145.83	144.09	145.00	152.87	150.84	152.87
10	147.25	144.58	146.78	147.75	145.04	147.50	154.01	151.75	151.80
11	146.83	145.38	145.78	148.81	147.18	147.65	151.75	150.65	151.24
12	148.36	145.76	146.69	....	....	....	....	....	....
13	146.94	145.67	145.73	....	....	....	....	....	....
14	147.12	145.72	146.65	149.14	147.40	140.92	151.30	150.22	150.83
15	....	....	....	149.41	148.13	148.30	151.37	150.40	151.36
16	....	....	....	148.66	147.41	147.43	151.62	149.78	149.80
17	147.90	146.64	146.71	147.57	146.36	147.44	149.80	149.12	149.52
18	146.74	145.52	146.40	148.29	147.21	148.00	150.29	149.56	149.90
19	146.45	144.51	145.27	....	....	....	....	....	....
20	146.62	145.29	146.29	....	....	....	....	....	....
21	146.30	143.25	143.85	Closed			151.20	149.32	151.19
22	....	....	....	148.11	145.42	145.48	151.59	150.60	150.66
23	....	....	....	146.79	145.40	146.79	152.98	150.65	152.81
24	143.84	139.10	139.97	149.67	146.80	149.60	153.78	152.82	153.37
25	141.75	139.98	141.75	150.88	149.60	149.74	153.71	152.30	152.67
26	142.16	141.16	141.54	....	....	....	....	....	....
27	144.30	141.54	144.27	....	....	....	....	....	....
28	145.47	144.25	144.51	149.74	147.81	148.06	152.67	151.56	151.85
29	....	....	....	....	....	....	152.46	151.42	151.59
30	....	....	....	....	....	....	153.39	151.60	153.39
31	145.30	143.93	145.30	....	....	....	155.02	152.86	152.96

	APR			MAY			JNE		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Closed			....	....	....	162.64	161.33	162.55
2	....	....	....	164.42	161.99	162.11	164.00	162.56	163.98
3	....	....	....	162.35	160.80	162.34	164.79	163.96	164.42
4	153.02	152.23	153.02	163.64	162.38	163.31	....	....	....
5	153.92	151.81	151.99	164.30	163.35	164.28	....	....	....
6	151.90	150.17	151.04	166.99	164.30	166.10	165.09	163.75	164.83
7	151.77	150.81	151.76	....	....	....	164.93	162.77	162.77
8	152.85	151.39	152.85	....	....	....	162.78	161.35	161.36
9	....	....	....	166.46	164.90	165.81	161.92	160.80	161.83
10	....	....	....	166.40	165.74	165.95	162.76	161.86	162.68
11	155.14	152.87	155.14	166.30	164.53	164.96	....	....	....
12	155.82	154.78	155.82	165.35	163.82	164.25	....	....	....
13	157.22	155.82	156.77	165.23	164.26	164.90	164.84	162.70	164.84
14	158.12	156.55	158.11	....	....	....	165.93	164.87	165.53
15	158.75	158.11	158.75	....	....	....	167.12	165.07	167.12
16	....	....	....	164.90	162.33	163.40	169.38	167.11	169.14
17	....	....	....	163.71	162.55	163.71	169.64	168.60	169.13
18	159.75	158.41	159.74	165.18	163.16	163.27	....	....	....
19	159.74	158.54	158.71	163.61	161.98	161.99	....	....	....
20	160.83	158.71	160.71	162.14	161.25	162.14	170.10	168.59	169.02
21	161.08	159.96	160.05	....	....	....	170.60	168.25	170.53
22	160.76	160.02	160.42	....	....	....	171.60	170.42	170.99
23	....	....	....	163.50	160.29	163.43	171.00	170.13	170.57
24	....	....	....	165.59	163.45	165.54	170.69	170.03	170.40
25	160.83	158.72	158.81	166.21	164.79	166.21	....	....	....
26	161.81	158.07	161.81	166.39	165.27	165.48	....	....	....
27	162.77	160.76	161.44	165.49	164.33	164.46	170.46	168.32	168.46
28	162.96	161.44	162.95	....	....	....	168.81	165.67	165.68
29	164.43	162.72	164.42	....	....	....	167.09	165.17	166.64
30	....	....	....	Closed			168.12	166.64	168.11
31	....	....	....	164.44	162.12	162.39	....	....	....

STANDARD & POOR'S 500 STOCK COMPOSITE
DAILY HIGH, LOW AND CLOSING STOCK PRICE INDEX DURING 1983

	JLY			AUG			SEP		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	168.91	167.77	168.91	162.78	161.55	162.04	164.66	163.95	164.23
2	....	....	....	163.04	161.97	162.01	165.07	164.21	165.00
3	....	....	....	163.44	161.52	163.44	....	....	....
4	Closed			163.42	159.63	161.33	Closed		
5	168.80	165.80	166.60	161.88	160.89	161.74	....	....	....
6	168.49	166.49	168.48	....	....	....	167.90	165.03	167.89
7	169.15	167.46	167.56	....	....	....	168.48	167.46	167.96
8	167.91	166.95	167.08	161.83	159.18	159.18	168.14	167.12	167.77
9	....	....	....	160.14	158.50	160.13	167.77	166.91	166.92
10	....	....	....	161.77	159.47	161.54	....	....	....
11	168.11	167.09	168.11	162.14	161.41	161.55	....	....	....
12	168.05	165.51	165.53	162.60	161.55	162.16	169.20	165.27	165.48
13	165.68	164.77	165.46	....	....	....	165.48	164.17	164.80
14	166.90	165.46	166.01	....	....	....	165.42	164.63	165.36
15	166.04	164.03	164.29	164.76	162.22	163.71	165.58	164.38	164.38
16	....	....	....	163.84	162.72	163.41	166.57	164.39	166.25
17	....	....	....	165.40	163.43	165.29	....	....	....
18	164.29	163.30	163.95	165.80	163.55	163.55	....	....	....
19	165.18	163.95	164.83	164.27	163.22	163.98	168.09	166.26	167.62
20	169.29	164.89	169.29	....	....	....	169.38	167.64	169.25
21	169.80	168.64	169.47	....	....	....	169.30	168.21	168.41
22	169.47	168.69	169.21	165.64	163.77	164.34	169.78	168.22	169.76
23	....	....	....	164.33	162.52	162.77	170.17	168.88	169.51
24	....	....	....	162.77	161.20	161.25	....	....	....
25	169.74	167.63	169.53	161.28	159.96	160.84	....	....	....
26	170.63	169.26	170.35	162.16	160.25	162.14	170.41	169.16	170.07
27	170.72	167.49	167.59	....	....	....	170.02	167.95	168.43
28	167.79	164.99	165.04	....	....	....	168.53	167.52	168.01
29	165.03	161.50	162.56	162.32	160.97	162.25	168.35	167.23	167.23
30	....	....	....	163.13	162.25	162.58	167.23	165.63	166.07
31	....	....	....	164.40	162.32	164.40	....	....	....

	OCT			NOV			DEC		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	163.66	162.37	163.64	166.77	166.08	166.49
2	....	....	....	165.21	163.55	164.84	166.70	165.25	165.44
3	166.07	164.93	165.80	164.85	163.42	163.45	....	....	....
4	166.80	165.81	166.27	163.42	162.22	162.44	....	....	....
5	167.74	165.92	167.74	....	....	....	165.79	164.71	165.77
6	170.28	167.76	170.28	....	....	....	165.93	165.34	165.47
7	171.10	170.31	170.80	162.56	161.84	161.91	166.34	165.35	165.91
8	....	....	....	162.15	161.63	161.76	166.01	164.86	165.20
9	....	....	....	163.97	161.74	163.97	165.29	164.50	165.09
10	172.65	170.05	172.65	164.71	163.97	164.41	....	....	....
11	172.59	170.34	170.34	166.29	164.32	166.29	....	....	....
12	170.84	169.34	169.63	....	....	....	165.62	164.99	165.62
13	170.12	169.13	169.88	....	....	....	165.63	164.85	164.93
14	169.99	169.18	169.86	167.58	166.27	166.58	164.93	163.25	163.33
15	....	....	....	166.59	165.28	165.36	163.32	161.66	161.66
16	....	....	....	166.41	165.34	166.08	162.39	161.58	162.39
17	171.18	169.63	170.43	166.49	165.51	166.13	....	....	....
18	170.41	167.67	167.81	166.13	164.50	165.09	....	....	....
19	167.81	165.67	166.73	....	....	....	162.88	162.27	162.32
20	167.35	166.44	166.98	....	....	....	162.80	161.64	162.00
21	167.23	164.98	165.95	166.05	165.00	166.06	163.57	161.99	163.56
22	....	....	....	167.26	166.06	166.84	164.18	163.17	163.27
23	....	....	....	167.21	166.26	166.96	163.31	162.90	163.22
24	165.99	163.85	165.99	Closed			....	....	....
25	167.15	166.00	166.47	168.04	165.95	167.18	....	....	....
26	166.65	165.36	165.38	....	....	....	Closed		
27	165.38	164.41	164.84	....	....	....	164.76	163.22	164.76
28	165.19	163.23	163.37	167.22	166.21	166.54	165.34	164.30	165.34
29	....	....	....	167.92	166.17	167.91	165.84	164.83	164.86
30	....	....	....	168.07	166.33	166.40	165.05	164.58	164.93
31	164.58	162.86	163.55	....	....	....	....	....	....

STANDARD & POOR'S 100 STOCK COMPOSITE DAILY HIGH, LOW AND CLOSING STOCK PRICE INDEX* DURING 1983

	JAN			FEB			MAR		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	—	—	146.61	—	—	154.24
2	....	....	....	—	—	146.68	—	—	155.30
3	—	—	139.56	—	—	147.47	—	—	155.61
4	—	—	143.24	—	—	149.42	—	—	155.70
5	—	—	144.02	....	....	....	....	....	....
6	—	—	146.94	....	....	....	....	....	....
7	—	—	146.92	—	—	150.33	—	—	155.52
8	....	....	....	—	—	149.04	—	—	152.84
9	....	....	....	—	—	148.20	—	—	154.93
10	—	—	148.58	—	—	150.83	—	—	153.27
11	—	—	147.56	—	—	150.49	153.54	152.25	153.02
12	—	—	148.66	....	....	....	....	....	....
13	—	—	147.94	....	....	....	....	....	....
14	—	—	149.33	—	—	152.10	153.10	151.79	152.43
15	....	....	....	—	—	151.10	153.69	152.02	153.11
16	....	....	....	—	—	149.98	153.18	150.85	150.93
17	—	—	149.64	—	—	149.97	150.93	150.40	150.89
18	—	—	149.74	—	—	150.27	151.68	150.84	151.25
19	—	—	148.21	....	....	....	....	....	....
20	—	—	149.15	....	....	....	....	....	....
21	—	—	146.37	—	—	Closed	152.70	150.63	152.62
22	....	....	....	—	—	147.62	152.87	151.60	151.67
23	....	....	....	—	—	149.44	154.57	151.68	154.18
24	—	—	142.62	—	—	152.65	155.35	154.11	154.82
25	—	—	144.99	—	—	152.60	155.23	153.24	153.71
26	—	—	144.54	....	....	....	....	....	....
27	—	—	147.59	....	....	....	....	....	....
28	—	—	147.86	—	—	150.42	153.91	152.57	153.10
29	....	....	....	....	....	....	154.04	152.80	152.95
30	....	....	....	....	....	....	155.06	152.95	155.06
31	—	—	149.33	....	....	....	156.30	153.69	153.76

	APR			MAY			JNE		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	Closed			....	....	....	162.94	161.27	162.88
2	....	....	....	166.66	164.02	164.14	164.53	162.77	164.53
3	....	....	....	164.62	162.77	164.62	165.45	164.38	164.73
4	153.84	153.06	153.77	166.05	164.59	165.31	....	....	....
5	154.81	152.21	152.31	166.06	165.14	166.05	....	....	....
6	152.27	150.62	151.81	168.91	166.04	167.70	165.80	164.07	165.42
7	152.61	151.44	152.61	....	....	....	165.59	162.97	162.99
8	153.74	151.96	153.72	....	....	....	162.98	161.32	161.33
9	....	....	....	168.01	166.26	167.06	162.05	160.71	161.82
10	....	....	....	167.81	166.93	166.97	162.84	161.82	162.69
11	156.10	153.79	156.10	167.12	164.99	165.59	....	....	....
12	156.63	155.36	155.63	166.16	164.25	164.82	....	....	....
13	158.57	156.66	158.01	165.90	164.84	165.36	165.00	162.69	165.00
14	159.43	157.51	159.43	....	....	....	166.31	164.80	165.59
15	160.18	159.41	160.17	....	....	....	167.47	165.13	167.42
16	....	....	....	165.33	162.68	163.88	169.79	167.43	169.31
17	....	....	....	163.95	162.66	163.84	169.82	168.54	169.17
18	161.58	159.85	161.58	165.29	162.58	162.78	....	....	....
19	161.56	159.90	160.30	163.43	161.34	161.34	....	....	....
20	163.10	160.32	162.85	161.76	160.70	161.64	170.17	168.70	169.33
21	163.01	161.30	161.62	....	....	....	171.37	168.48	171.21
22	162.65	161.57	162.12	....	....	....	172.41	170.84	171.40
23	....	....	....	163.80	159.96	163.55	171.40	170.48	171.13
24	....	....	....	165.76	163.59	165.62	171.14	170.34	170.45
25	162.53	160.03	160.18	166.41	164.58	166.41	....	....	....
26	164.01	159.44	164.01	166.52	165.07	165.42	....	....	....
27	165.04	162.45	163.30	165.53	164.06	164.26	170.56	168.30	168.57
28	165.39	163.32	165.33	....	....	....	169.14	165.61	165.67
29	166.69	164.90	166.63	....	....	....	167.73	165.26	167.01
30	....	....	....	Closed			168.72	167.02	168.54
31	....	....	....	164.21	161.75	162.20	....	....	....

*Daily Highs and Lows unavailable prior to March 11, 1983.

STANDARD & POOR'S 100 STOCK COMPOSITE
DAILY HIGH, LOW AND CLOSING STOCK PRICE INDEX DURING 1983

	JLY			AUG			SEP		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	169.41	168.45	169.41	163.92	162.54	163.38	166.34	165.30	165.53
2	....	....	....	164.33	163.03	163.13	166.60	165.48	166.38
3	....	....	....	164.66	162.38	164.66	....	....	....
4	Closed			164.67	160.18	162.57	....	....	....
5	169.41	166.09	167.00	163.48	162.05	163.23	Closed		
6	168.94	166.54	168.94	....	....	....	169.57	166.38	169.51
7	169.32	167.06	167.08	....	....	....	170.25	168.84	169.31
8	167.76	166.68	166.84	162.96	160.65	160.66	169.63	168.22	168.96
9	....	....	....	161.99	159.76	161.87	168.96	167.81	167.82
10	....	....	....	163.68	161.06	163.19	....	....	....
11	168.41	166.84	168.25	163.74	162.63	162.72	....	....	....
12	168.25	165.43	165.43	163.86	162.72	163.20	170.37	165.88	166.22
13	165.62	164.62	165.29	....	....	....	166.22	164.90	165.78
14	167.06	165.30	166.02	....	....	....	166.82	165.71	166.64
15	166.04	163.86	164.13	166.27	163.20	164.97	166.90	165.28	165.28
16	....	....	....	165.25	163.64	164.53	167.99	165.28	167.45
17	....	....	....	166.67	164.55	166.44	....	....	....
18	164.47	163.09	163.86	167.00	164.37	164.37	....	....	....
19	165.42	163.86	165.03	165.35	164.12	164.92	169.56	167.45	168.93
20	169.83	165.03	169.83	....	....	....	170.66	168.93	170.40
21	170.36	168.64	169.47	....	....	....	170.44	168.78	169.06
22	169.47	168.69	169.21	166.93	164.51	165.22	170.89	168.81	170.77
23	....	....	....	165.22	163.53	163.89	171.29	169.75	170.49
24	....	....	....	163.95	162.02	162.13	....	....	....
25	170.47	167.86	169.88	162.22	160.69	161.85	....	....	....
26	171.40	169.57	170.80	163.52	160 98	163.35	171.66	169.72	171.11
27	171.43	167.72	167.95	....	....	....	171.11	168.83	169.40
28	168.34	165.46	165.54	....	....	....	169.62	168.25	168.99
29	165.54	161.88	163.13	163.93	161.93	163.72	169.63	168.35	168.36
30	....	....	....	164.72	163.41	163.83	168.36	166.61	167.06
31	....	....	....	165.98	163.56	165.98	....	....	....

	OCT			NOV			DEC		
DATE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE	HIGH	LOW	CLOSE
1	....	....	....	165.06	163.17	165.02	167.12	166.09	166.62
2	....	....	....	166.72	164.62	166.10	166.99	165.28	165.60
3	167.27	165.78	167.14	166.09	164.36	164.41	....	....	....
4	168.40	167.14	167.63	164.41	162.85	163.23	....	....	....
5	169.45	167.11	169.45	....	....	....	166.76	165.07	166.60
6	172.27	169.45	172.26	....	....	....	166.85	165.88	166.02
7	172.91	171.90	172.47	163.80	162.68	162.76	167.26	165.87	166.76
8	....	....	....	163.26	162.42	162.82	166.94	165.23	165.56
9	....	....	....	165.54	162.79	165.54	166.02	165.08	165.90
10	174.65	171.45	174.65	166.31	165.38	165.87	....	....	....
11	174.65	171.92	171.92	167.68	165.54	167.68	....	....	....
12	172.77	170.92	171.35	....	....	....	167.11	165.83	167.09
13	172.01	170.80	171.90	....	....	....	167.18	165.90	165.95
14	172.06	170.30	171.57	168.95	167.41	167.58	166.05	164.04	164.20
15	....	....	....	167.92	166.13	166.25	164.20	162.53	162.53
16	....	....	....	167.37	166.00	166.80	163.73	162.53	163.61
17	173.36	171.35	172.33	167.37	166.13	166.71	....	....	....
18	172.34	168.86	169.03	166.71	165.00	165.69	....	....	....
19	169.03	166.76	168.08	....	....	....	164.41	163.55	163.72
20	168.39	167.38	167.78	....	....	....	164.25	162.70	163.26
21	168.21	165.40	166.87	167.25	165.68	167.24	165.44	163.23	165.30
22	....	....	....	168.39	167.24	167.61	166.10	165.03	165.33
23	....	....	....	167.94	166.69	167.66	165.25	164.74	165.16
24	167.16	164.63	167.15	Closed			....	....	....
25	168.45	167.15	167.30	168.09	167.44	167.94	....	....	....
26	167.47	165.77	165.90	....	....	....	Closed		
27	165.91	164.97	165.91	....	....	....	166.73	165.15	166.73
28	166.32	163.88	164.11	168.00	166.40	166.91	167.29	166.09	167.29
29	....	....	....	168.60	166.40	168.58	167.87	166.30	166.30
30	....	....	....	168.80	166.41	166.45	166.56	165.92	166.12
31	165.44	163.49	164.32	....	....	....	....	....	....

STANDARD & POOR'S 400 INDUSTRIALS
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	. . . .	160.71	169.49	Closed	. . . .	182.37	190.79	182.72	185.42	. . . .	183.99	187.33
2	. . . .	160.99	171.10	. . . .	182.03	184.09	. . . .	182.58	186.39	. . . .	185.30	186.21
3	154.95	162.29	172.24	. . . .	182.39	184.64	. . . .	184.20	. . . .	186.93	183.64	. . . .
4	158.57	164.51	172.23	171.72	183.29	. . . .	Closed	181.85	. . . .	187.30	182.48	. . . .
5	159.35	. . . .	. . . .	170.32	184.26	. . . .	188.17	182.40	Closed	188.90	. . . .	186.71
6	163.13	. . . .	. . . .	169.21	186.37	185.15	190.36	. . . .	189.78	191.71	. . . .	186.40
7	162.93	165.43	172.37	170.02	. . . .	182.73	189.28	. . . .	189.65	192.36	181.91	186.82
8	. . . .	164.06	169.60	171.32	. . . .	181.23	188.67	179.42	189.45	. . . .	181.83	185.85
9	. . . .	163.38	171.60	. . . .	186.00	181.77	. . . .	180.54	188.46	. . . .	184.59	185.90
10	164.72	166.36	170.33	. . . .	186.14	182.72	. . . .	182.15	. . . .	194.84	185.22	. . . .
11	163.47	166.39	169.73	173.94	185.04	. . . .	189.74	182.06	. . . .	192.21	187.44	. . . .
12	164.52	. . . .	. . . .	174.57	184.24	. . . .	186.73	182.76	186.52	191.48	. . . .	186.69
13	163.43	. . . .	. . . .	175.60	185.01	185.38	186.48	. . . .	185.81	191.86	. . . .	185.67
14	164.61	167.80	169.28	177.14	. . . .	186.18	187.10	. . . .	186.46	191.80	187.59	183.69
15	. . . .	166.88	169.82	177.74	. . . .	188.11	185.14	184.63	185.26	. . . .	186.17	181.84
16	. . . .	165.76	167.79	. . . .	183.40	190.58	. . . .	184.30	187.38	. . . .	186.87	182.80
17	164.73	165.78	167.54	. . . .	183.73	190.68	. . . .	186.50	. . . .	192.48	186.97	. . . .
18	164.50	166.38	167.91	178.94	183.04	. . . .	184.77	184.32	. . . .	189.40	185.56	. . . .
19	163.35	. . . .	. . . .	177.75	181.59	. . . .	185.62	184.98	188.94	188.09	. . . .	182.76
20	164.59	. . . .	. . . .	180.08	181.78	190.68	190.74	. . . .	190.72	188.25	. . . .	182.24
21	161.71	Closed	169.47	179.17	. . . .	192.54	190.53	. . . .	189.74	187.06	186.72	184.24
22	. . . .	163.36	168.79	179.70	. . . .	193.22	190.39	185.54	191.37	. . . .	187.46	184.11
23	. . . .	164.96	171.30	. . . .	183.42	192.85	. . . .	183.75	191.23	. . . .	187.70	184.10
24	157.14	168.28	171.88	. . . .	185.72	192.65	. . . .	181.83	. . . .	187.08	Closed	. . . .
25	159.21	168.35	171.06	177.91	186.52	. . . .	191.12	181.27	. . . .	187.60	187.98	. . . .
26	159.04	. . . .	. . . .	181.63	185.61	. . . .	192.15	182.80	191.97	186.22	. . . .	Closed
27	162.27	. . . .	. . . .	181.12	184.49	190.31	189.05	. . . .	190.21	185.53	. . . .	186.00
28	162.63	166.24	170.18	182.92	. . . .	187.06	186.14	. . . .	189.81	183.80	187.36	186.85
29	. . . .	. . . .	169.98	184.72	. . . .	188.23	183.33	183.05	188.87	. . . .	189.00	186.31
30	. . . .	. . .	172.15	. . . .	Closed	189.98	. . . .	183.40	187.38	. . . .	187.18	186.24
31	163.52	. . . .	171.65	. . . .	182.09	. . . .	. . . .	185.58	. . . .	183.94	. . . .	. . . .

STANDARD & POOR'S 20 TRANSPORTATION
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	. . . .	24.57	26.23	Closed	. . . .	28.89	30.32	29.05	29.87	. . . .	30.88	31.85
2	. . . .	24.59	26.39	. . . .	27.62	29.06	. . . .	29.10	30.01	. . . .	31.05	31.67
3	23.46	25.21	26.54	. . . .	27.63	29.21	. . . .	29.32	. . . .	30.21	30.90	. . . .
4	24.13	25.74	26.79	26.70	28.57	. . . .	Closed	28.64	. . . .	30.59	30.94	. . . .
5	24.13	. . . .	. . . .	26.45	29.11	. . . .	29.79	28.54	Closed	30.95	. . . .	31.68
6	25.20	. . . .	. . . .	26.42	29.42	29.32	30.16	. . . .	30.66	31.32	. . . .	31.58
7	25.33	25.86	26.77	26.55	. . . .	29.03	30.11	. . . .	31.06	31.43	30.81	31.86
8	. . . .	25.44	26.53	26.74	. . . .	28.85	29.94	27.85	30.96	. . . .	30.81	31.92
9	. . . .	25.27	26.76	. . . .	29.34	29.25	. . . .	27.94	30.94	. . . .	31.02	31.83
10	25.79	25.71	26.39	. . . .	29.38	29.43	. . . .	28.29	. . . .	31.62	30.93	. . . .
11	25.76	25.72	26.34	26.88	29.24	. . . .	30.04	28.49	. . . .	31.13	31.28	. . . .
12	25.94	. . . .	. . . .	26.97	29.11	. . . .	29.68	28.59	30.79	30.85	. . . .	31.80
13	25.40	. . . .	. . . .	27.08	29.25	29.51	29.90	. . . .	30.54	30.75	. . . .	31.85
14	25.53	25.84	26.16	27.53	. . . .	29.60	29.85	. . . .	30.66	31.03	31.62	31.34
15	. . . .	25.58	26.37	27.84	. . . .	29.69	29.49	28.48	30.66	. . . .	31.35	30.00
16	. . . .	25.65	26.29	. . . .	28.83	30.07	. . . .	28.38	31.30	. . . .	31.70	30.98
17	25.65	25.60	26.15	. . . .	28.88	29.92	. . . .	28.58	. . . .	31.45	31.66	. . . .
18	25.55	25.66	26.23	27.87	28.91	. . . .	29.23	28.48	. . . .	31.14	31.98	. . . .
19	25.05	. . . .	. . . .	27.54	28.61	. . . .	29.53	28.47	31.74	31.14	. . . .	30.95
20	25.17	. . . .	. . . .	27.69	28.77	29.98	30.30	. . . .	32.01	31.46	. . . .	31.07
21	24.63	Closed	26.46	27.78	. . . .	30.36	30.41	. . . .	31.77	31.44	32.34	31.42
22	. . . .	25.45	26.43	27.75	. . . .	30.27	30.39	28.55	32.14	. . . .	32.40	30.83
23	. . . .	25.57	26.66	. . . .	28.92	30.24	. . . .	28.49	31.90	. . . .	32.18	30.91
24	24.14	25.89	26.78	. . . .	29.90	30.59	. . . .	28.36	. . . .	31.55	Closed	. . . .
25	24.42	25.87	26.60	27.36	30.05	. . . .	30.62	28.29	. . . .	31.39	32.26	. . . .
26	24.20	. . . .	. . . .	27.72	29.83	. . . .	30.75	28.70	31.65	30.94	. . . .	Closed
27	24.63	. . . .	. . . .	27.47	29.30	30.56	30.22	. . . .	30.86	30.98	. . . .	30.90
28	24.66	25.68	26.47	27.70	. . . .	30.05	29.51	. . . .	30.61	30.80	31.81	30.76
29	. . . .	. . . .	26.26	28.01	. . . .	30.04	29.04	28.76	30.41	. . . .	32.20	30.74
30	. . . .	. . . .	26.72	. . . .	Closed	30.22	. . . .	29.11	30.21	. . . .	31.85	31.19
31	24.76	. . . .	26.68	. . . .	28.90	. . . .	. . . .	29.69	. . . .	30.70	. . . .	. . . .

STANDARD & POOR'S 40 UTILITIES
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	61.74	62.46	Closed	....	64.27	63.76	64.62	64.73	....	70.05	68.07
2	....	61.93	62.82	....	64.15	64.64	....	64.89	64.73	....	70.30	67.65
3	60.22	61.94	63.34	....	64.25	64.66	....	65.47	....	67.51	69.82	....
4	60.83	62.14	63.27	61.54	64.71	....	Closed	64.77	....	68.60	69.15	....
5	61.01	....	....	61.55	64.98	....	63.39	64.76	Closed	69.46	....	67.39
6	61.81	....	....	61.50	65.14	64.85	63.96	....	65.17	70.01	....	67.32
7	61.95	62.23	63.05	61.72	....	64.37	63.93	....	65.31	69.62	68.85	67.47
8	....	61.86	62.60	61.77	....	63.88	64.00	64.03	65.41	....	68.56	67.55
9	....	61.25	62.53	....	65.06	63.72	....	64.37	65.32	....	68.70	67.14
10	62.17	61.38	62.33	....	65.19	63.75	....	64.46	....	69.23	68.37	....
11	62.12	61.36	62.15	62.26	64.89	....	64.57	64.63	....	68.54	68.65	....
12	62.30	....	....	62.58	64.90	....	64.28	64.56	65.63	68.27	....	67.38
13	62.09	....	....	62.65	65.05	64.09	64.92	....	65.28	68.31	....	67.69
14	62.32	61.70	62.04	62.67	....	64.29	65.13	....	65.30	68.39	68.73	67.45
15	....	61.43	62.33	63.11	....	64.59	64.84	64.84	65.32	....	68.49	66.87
16	....	61.23	62.16	....	64.79	64.66	....	64.86	65.60	....	68.97	66.72
17	62.51	61.07	61.98	....	64.82	64.65	....	65.36	....	68.98	69.05	....
18	62.63	61.10	61.92	63.43	64.99	....	64.86	65.12	....	68.56	68.76	....
19	62.35	....	....	63.39	64.79	....	65.26	65.27	65.71	68.38	....	66.57
20	62.62	....	....	63.96	64.92	64.33	66.42	....	66.54	69.08	....	66.72
21	62.25	Closed	61.77	63.92	....	64.51	66.26	....	66.52	69.32	68.60	66.82
22	....	60.90	61.62	63.89	....	64.54	66.32	65.33	66.77	....	69.28	66.13
23	....	60.87	61.81	....	64.60	64.18	....	65.05	66.77	....	69.14	65.90
24	61.14	61.37	61.85	....	65.43	63.95	....	64.95	....	69.22	Closed	....
25	61.56	61.63	61.69	63.46	65.20	....	66.39	64.94	....	69.61	69.00	....
26	61.53	....	....	63.57	65.12	....	65.75	65.07	67.32	70.02	....	Closed
27	61.93	....	....	63.87	64.95	63.51	65.88	....	67.16	69.92	....	66.36
28	62.12	61.69	61.50	63.97	....	63.06	65.34	....	67.18	69.84	68.67	66.45
29	....	....	61.30	64.31	....	63.16	64.97	64.83	67.03	....	68.63	66.12
30	....	....	61.28	....	Closed	63.32	....	64.68	67.11	....	68.24	66.17
31	62.21	....	61.30	....	64.61	....	....	64.73	....	70.18	....	....

STANDARD & POOR'S 40 FINANCIAL
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	16.03	17.84	Closed	....	20.32	20.02	18.60	18.61	....	17.58	18.62
2	....	16.08	18.09	....	20.38	20.40	....	18.65	18.64	....	17.88	18.39
3	16.33	15.99	18.51	....	20.27	20.39	....	18.81	....	18.49	17.79	....
4	16.47	16.15	18.86	18.88	20.40	....	Closed	18.57	....	18.40	17.72	....
5	16.46	....	....	18.86	20.63	....	19.65	18.59	Closed	18.54	....	18.43
6	16.78	....	....	18.84	20.93	20.37	19.81	....	18.97	18.97	....	18.36
7	16.81	16.27	18.72	18.94	....	20.14	19.63	....	19.13	19.23	17.67	18.46
8	....	16.13	18.30	19.08	....	19.81	19.61	18.35	19.05	....	17.57	18.41
9	....	16.01	18.46	....	20.96	19.85	....	18.51	18.88	....	17.71	18.33
10	17.08	16.32	18.41	....	20.99	20.04	....	18.74	....	19.26	17.79	....
11	17.00	16.54	18.27	19.49	20.81	....	19.83	18.78	....	18.98	18.01	....
12	17.15	....	....	19.78	20.63	....	19.44	18.95	18.89	18.82	....	18.14
13	17.08	....	....	20.07	20.67	20.21	19.41	....	18.79	18.77	....	18.08
14	17.03	16.85	18.21	20.27	....	20.29	19.52	....	18.88	18.73	18.22	18.04
15	....	17.14	18.32	20.42	....	20.42	19.24	19.14	18.73	....	18.08	17.85
16	....	17.15	18.34	....	20.32	20.60	....	19.08	18.96	....	18.22	17.90
17	16.88	17.21	18.40	....	20.41	20.47	....	19.31	....	18.52	18.14	....
18	16.60	17.39	18.44	20.47	20.52	....	19.19	19.15	....	18.16	18.18	....
19	16.33	....	....	20.32	20.30	....	19.45	19.05	19.18	18.02	....	17.91
20	16.37	....	....	20.58	20.23	20.35	20.03	....	19.42	17.97	....	17.92
21	16.11	Closed	18.64	20.61	....	20.37	19.91	....	19.31	17.62	18.29	17.97
22	....	17.04	18.66	20.57	....	20.28	19.76	18.86	19.33	....	18.51	18.07
23	....	17.21	19.03	....	20.39	20.13	....	18.53	19.11	....	18.52	18.07
24	15.77	17.56	19.23	....	20.55	20.06	....	18.47	....	17.68	Closed	....
25	15.98	17.65	19.17	20.31	20.73	....	19.84	18.52	....	17.77	18.56	....
26	15.90	....	....	20.52	20.72	....	19.87	18.64	19.02	17.68	....	Closed
27	16.20	....	....	20.56	20.58	19.85	19.38	....	18.71	17.66	....	18.19
28	16.08	17.53	18.96	20.75	....	19.51	18.96	....	18.54	17.41	18.45	18.08
29	....	....	18.88	20.76	....	19.62	18.61	18.54	18.51	....	18.62	18.07
30	....	....	19.06	....	Closed	19.82	....	18.61	18.47	....	18.56	18.13
31	16.24	....	18.94	....	20.31	....	....	18.78	....	17.49	....	....

1983 WEEKLY CASH LUMBER PRICES

Random Lengths 2x4s 8/20′, Studs and Plywood Sheathing
Prices to Wholesalers, net f.o.b. Mill — According to Random Lengths
(Dollars per 1000 BD. FT./SQ. FT.)

Week Ending		Random Lengths Standard & Better– Hem-Fir	*Spruce-Pine-Fir		Stud	Plywood Sheathing– (½" CD Exterior)	
		Spokane	Western	Great Lakes	Grade Western	Western ⅘-Ply	Southern-Central 3-Ply
Jan	7	202	184	255	169	201	202
	14	220	190	275	178	210	213
	21	235	190	275	184	214	216
	28	225	182	265	180	210	213
Feb	4	218	175	253	173	199	202
	11	213	174	250	173	200	203
	18	210	174	248	172	200	203
	25	214	172	246	171	198	202
Mar	4	215	178	248	176	194	204
	11	220	179	255	174	197	205
	18	223	183	255	178	194	201
	25	225	184	260	177	190	198
Apr	1	225	179	260	173	185	195
	8	225	179	255	173	194	194
	15	227	187	260	182	192	197
	22	225	189	260	184	188	197
	29	218	191	265	188	188	196
May	6	225	206	280	206	192	200
	13	240	225	303	225	208	210
	20	252	230	310	232	211	220
	27	256	240	320	250	214	223
June	3	260	243	320	260	215	223
	10	255	237	315	258	213	224
	17	255	238	310	258	211	224
	24	265	232	310	253	208	220
July	1	265	225	305	244	207	215
	8	264	215	295	240	201	213
	15	245	202	290	225	195	210
	22	237	199	285	219	200	207
	29	230	195	282	218	196	204
Aug	5	215	178	270	192	190	195
	12	190	165	250	173	185	187
	19	187	167	243	172	182	189
	26	190	169	245	172	186	193
Sep	2	190	164	243	166	185	192
	9	190	158	235	160	184	192
	16	185	150	220	153	185	192
	23	188	158	223	158	190	186
	30	194	160	233	160	197	192
Oct	7	208	166	242	164	199	199
	14	213	171	246	171	203	203
	21	207	167	245	167	199	203
	28	195	163	240	162	195	193
Nov	4	195	160	230	160	196	193
	11	195	164	230	158	195	194
	18	195	160	227	154	190	192
	25	191	164	230	156	193	191
Dec	2	199	172	245	164	198	192
	9	205	174	250	170	200	194
	16	210	174	250	175	202	195
	23	210	170	250	171	203	193
	30	207	168	248	170	203	192

*Western Inland stock is from Southern Oregon/Northern California coast, from Western Oregon or Washington: sales principally to western markets from Redding (inland) and Portland (coast) rate areas. Great Lakes, tax included.

U.S. HOUSING STARTS

New Privately-Owned, Seasonally Adjusted Annual Rates According to the U.S. Dept. of Commerce (Thousands of Units)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Jan	1,437	1,016	1,367	1,519	1,718	1,630	1,341	1,547	853	1,632
Feb	1,881	923	1,536	1,856	1,738	1,520	1,350	1,246	880	1,706
Mar	1,511	990	1,421	2,064	2,032	1,847	1,047	1,306	920	1,592
Apr	1,580	996	1,395	1,883	2,197	1,748	1,051	1,360	935	1,549
May	1,467	1,109	1,459	1,985	2,075	1,876	927	1,140	1,020	1,779
Jne	1,533	1,067	1,495	1,907	2,070	1,913	1,196	1,045	913	1,743
Jly	1,314	1,229	1,401	2,062	2,092	1,760	1,269	1,041	1,173	1,793
Aug	1,156	1,253	1,550	2,023	1,996	1,778	1,436	940	1,026	1,873
Sep	1,157	1,281	1,720	1,982	1,970	1,832	1,471	911	1,148	1,679
Oct	1,106	1,368	1,629	2,078	1,981	1,681	1,523	873	1,156	1,672
Nov	1,017	1,370	1,641	2,041	2,094	1,524	1,510	837	1,355	1,730
Dec	874	1,336	1,804	2,151	2,044	1,498	1,482	910	1,296	1,666

U.S. HOUSING PERMITS

Privately Owned, Seasonally Adjusted Annual Rates According to the U.S. Dept. of Commerce (Thousands of Units)

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Jan	1,306	718	1,185	1,454	1,723	1,475	1,289	1,214	794	1,431
Feb	1,322	729	1,176	1,538	1,705	1,491	1,167	1,165	808	1,456
Mar	1,395	721	1,181	1,663	1,742	1,692	962	1,153	891	1,492
Apr	1,264	843	1,120	1,655	1,914	1,548	932	1,186	888	1,556
May	1,159	903	1,183	1,656	1,756	1,648	824	1,167	953	1,660
Jne	1,115	938	1,170	1,739	1,983	1,639	1,055	963	913	1,764
Jly	1,040	1,016	1,229	1,678	1,765	1,563	1,144	913	1,044	1,752
Aug	928	993	1,308	1,770	1,716	1,622	1,229	865	926	1,671
Sep	853	1,092	1,401	1,695	1,838	1,695	1,304	850	1,042	1,540
Oct	811	1,111	1,481	1,781	1,835	1,478	1,348	722	1,149	1,650
Nov	770	1,127	1,583	1,822	1,789	1,287	1,371	723	1,229	1,649
Dec	837	1,091	1,532	1,778	1,827	1,247	1,395	789	1,351	1,602

U.S. LUMBER PRODUCTION AND MILL STOCKS

According to National Forest Products Association (In Mil. Bd. Ft.)

	1981		1982		1983	
	Production	*Stocks	Production	*Stocks	Production	*Stocks
Jan	2,523	5,883	1,810	6,016	2,484	5,770
Feb	2,542	6,065	1,891	6,068	2,481	5,950
Mar	2,818	6,098	2,148	6,042	2,682	5,997
Apr	2,338	6,078	2,281	5,983	2,623	5,924
May	2,651	6,213	2,251	5,915	2,645	5,824
Jne	2,588	6,015	2,338	5,853	2,718	5,772
Jly	2,483	6,103	2,376	5,867	2,585	5,817
Aug	2,554	6,232	2,560	5,977	2,714	5,858
Sep	2,307	6,284	2,445	6,163	2,748	5,870
Oct	2,379	6,285	2,333	5,986	2,787	5,862
Nov	1,831	6,075	2,247	5,881	2,504	5,964
Dec	1,765	5,842	2,004	5,724	2,512	5,846

*End of month.

DOW JONES 30 INDUSTRIALS
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	1059.79	1130.71	Closed	....	1202.21	1225.26	1194.21	1206.81	....	1229.27	1275.10
2	....	1062.64	1135.06	....	1204.33	1211.44	....	1188.00	1215.45	....	1237.30	1265.24
3	1027.04	1064.66	1138.06	....	1208.01	1213.04	....	1197.82	....	1231.30	1227.13	....
4	1046.08	1077.91	1140.96	1127.61	1212.65	....	Closed	1183.09	....	1236.69	1218.29	....
5	1044.89	....	....	1120.16	1219.72	....	1208.53	1183.29	Closed	1250.20	....	1270.53
6	1070.92	....	....	1113.49	1232.59	1214.24	1220.65	....	1238.72	1268.80	....	1269.31
7	1076.07	1087.10	1141.74	1117.65	....	1194.91	1210.44	....	1244.11	1272.15	1214.84	1273.78
8	....	1075.33	1119.78	1124.71	....	1185.40	1207.23	1163.06	1246.14	....	1214.94	1261.89
9	....	1067.42	1132.64	....	1228.23	1189.00	....	1168.27	1239.74	....	1232.52	1260.06
10	1092.35	1087.75	1120.94	....	1229.68	1196.11	....	1175.98	....	1284.65	1235.87	....
11	1083.79	1086.50	1117.74	1141.83	1219.72	....	1215.54	1174.39	....	1265.14	1250.20	....
12	1083.61	....	....	1145.32	1214.40	....	1198.52	11[illegible]2.83	1229.07	1259.65	....	1261.59
13	1073.95	....	....	1156.64	1218.75	1220.55	1197.82	....	1224.09	1261.38	....	1255.89
14	1080.85	1097.10	1114.45	1165.25	....	1227.26	1204.33	....	1229.47	1263.52	1254.07	1246.65
15	....	1093.10	1124.52	1171.34	....	1237.28	1192.31	1193.50	1215.04	....	1247.97	1236.79
16	....	1087.43	1116.00	....	1202.98	1248.30	....	1190.45	1225.71	....	1251.32	1242.17
17	1084.81	1088.91	1116.97	....	1205.79	1242.19	....	1206.50	....	1268.70	1254.67	....
18	1079.65	1092.82	1117.74	1183.24	1203.56	....	1189.90	1192.48	....	1250.81	1250.91	....
19	1068.06	....	....	1174.54	1191.37	....	1197.12	1194.21	1233.94	1246.75	....	1244.61
20	1070.82	....	....	1191.47	1190.92	1239.18	1227.86	....	1249.19	1251.52	....	1241.97
21	1052.98	Closed	1125.29	1188.27	....	1247.40	1229.37	....	1243.29	1249.09	1268.80	1254.98
22	....	1080.40	1122.97	1196.30	....	1245.69	1231.17	1203.15	1257.52	....	1275.81	1253.66
23	....	1096.94	1140.87	....	1200.56	1241.79	....	1192.89	1255.59	....	1275.61	1250.51
24	1030.17	1121.81	1145.90	....	1219.04	1241.69	....	1184.25	....	1248.98	Closed	....
25	1042.03	1120.94	1140.09	1187.21	1229.01	....	1232.87	1185.06	....	1252.44	1277.44	....
26	1037.99	....	....	1209.46	1223.49	....	1243.69	1192.07	1260.77	1243.80	....	Closed
27	1063.65	....	....	1208.40	1216.14	1229.47	1230.47	....	1247.97	1242.07	....	1263.72
28	1064.75	1112.62	1133.32	1219.52	....	1209.23	1216.35	....	1241.97	1222.48	1269.82	1263.21
29	....	....	1131.19	1226.20	....	1213.84	1199.22	1194.11	1240.14	....	1287.20	1260.16
30	....	....	1143.29	....	Closed	1221.96	....	1196.04	1233.13	....	1276.02	1258.64
31	1075.70	....	1130.03	....	1199.98	....	....	1216.16	....	1225.20	....	....

NEW YORK STOCK EXCHANGE COMPOSITE
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	82.61	86.93	Closed	....	94.13	97.91	93.91	94.83	....	94.27	96.16
2	....	82.67	87.78	....	93.04	94.87	....	93.82	95.28	....	95.02	95.66
3	79.79	83.26	88.48	....	93.14	95.13	....	94.43	....	95.99	94.39	....
4	81.29	84.29	88.63	88.06	93.76	....	Closed	93.33	....	96.24	93.77	....
5	81.76	....	....	87.47	94.40	....	96.65	93.60	Closed	97.03	....	95.77
6	83.71	....	....	86.97	95.47	95.40	97.73	....	96.84	98.44	....	95.61
7	83.67	84.77	88.66	87.32	....	94.37	97.20	....	96.96	98.72	93.46	95.86
8	....	84.16	87.40	87.87	....	93.74	96.89	92.19	96.95	....	93.33	95.45
9	....	83.79	88.23	....	95.35	93.85	....	92.53	96.54	....	94.44	95.40
10	84.62	85.10	87.65	....	95.50	94.45	....	93.30	....	99.63	94.75	....
11	84.11	85.18	87.29	89.07	94.99	....	97.44	93.40	....	98.67	95.82	....
12	84.65	....	....	89.46	94.65	....	96.04	93.84	95.86	97.96	....	95.64
13	84.16	....	....	90.04	95.07	95.62	95.90	....	95.41	98.02	....	95.28
14	84.67	85.89	86.99	90.84	....	96.01	96.23	....	95.70	98.00	96.05	94.41
15	....	85.68	87.22	91.18	....	95.83	95.28	94.70	95.23	....	95.49	93.52
16	....	85.18	86.43	....	94.19	97.94	....	94.46	96.17	....	95.89	93.86
17	84.79	85.13	86.22	....	94.48	98.00	....	95.51	....	98.27	95.93	....
18	84.63	85.44	86.37	91.71	94.39	....	94.96	94.73	....	96.81	95.46	....
19	83.99	....	....	91.18	93.67	....	95.47	94.92	97.09	96.16	....	93.80
20	84.51	....	....	92.29	93.71	97.96	97.84	....	97.88	96.32	....	93.64
21	83.18	Closed	86.97	91.95	....	98.71	97.79	....	97.46	95.74	95.52	94.44
22	....	84.07	86.71	92.15	....	99.01	97.74	95.10	98.20	....	96.33	94.27
23	....	84.74	87.85	....	94.39	98.84	....	94.27	98.07	....	96.40	94.17
24	80.92	86.25	88.20	....	95.58	98.82	....	93.44	....	95.72	Closed	....
25	81.82	86.35	87.81	91.29	96.01	....	98.07	93.18	....	95.98	96.55	....
26	81.73	....	....	92.83	95.68	....	98.58	93.80	98.39	95.41	....	Closed
27	83.17	....	....	92.68	95.23	97.74	97.14	....	97.47	95.06	....	94.93
28	83.35	85.46	87.34	93.50	....	96.12	95.71	....	97.25	94.28	96.19	95.23
29	....	....	87.24	94.27	....	96.56	94.27	93.80	96.86	....	96.94	95.03
30	....	....	88.16	....	Closed	97.41	....	93.97	96.24	....	96.19	95.18
31	83.75	....	88.03	....	94.08	....	....	94.89	....	94.29	....	....

VALUE—LINE COMPOSITE
1983 DAILY CLOSING STOCK PRICE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	165.40	174.51	Closed	....	198.17	205.94	197.56	195.80	....	189.41	197.88
2	....	165.54	176.33	....	188.87	199.53	....	197.24	196.90	....	190.82	196.89
3	157.70	166.56	178.03	....	188.76	200.69	....	197.55	....	197.79	190.33	....
4	159.44	168.51	178.47	178.75	190.55	....	Closed	195.21	....	198.33	189.54	....
5	160.85	....	....	178.46	192.68	....	203.72	195.66	Closed	199.33	....	196.56
6	164.71	....	....	177.04	195.12	201.16	205.47	....	199.44	201.19	....	196.53
7	165.45	169.66	178.93	177.23	....	200.09	205.17	....	199.87	201.79	188.76	196.96
8	....	169.23	177.24	178.03	....	198.58	204.55	192.77	200.39	....	188.37	196.14
9	....	169.07	178.49	....	195.69	199.03	....	192.30	200.29	....	189.61	195.87
10	167.56	171.09	178.31	....	196.74	200.56	....	193.73	....	202.67	190.51	....
11	167.06	171.57	177.66	179.79	195.82	....	205.24	194.32	....	200.98	192.71	....
12	168.12	....	....	180.63	195.40	....	202.94	195.40	199.59	199.89	....	195.81
13	167.40	....	....	182.05	196.77	202.35	202.18	....	198.32	199.55	....	195.35
14	168.53	172.88	176.80	183.61	....	203.38	202.82	....	198.56	199.50	193.89	193.83
15	....	173.18	176.78	184.58	....	204.71	201.20	196.93	198.04	....	193.66	192.50
16	....	172.79	176.32	....	194.45	206.72	....	196.27	199.09	....	194.38	192.77
17	169.26	172.51	175.74	....	195.85	206.66	....	197.50	....	199.50	194.95	....
18	168.81	173.20	176.23	185.70	196.76	....	199.81	196.75	....	196.83	194.89	....
19	167.48	....	....	184.91	195.63	....	200.62	196.60	201.13	194.90	....	192.43
20	167.81	....	....	186.81	195.66	206.42	204.50	....	202.27	195.34	....	192.11
21	165.68	Closed	176.73	186.80	....	207.39	205.27	....	201.83	194.10	195.49	192.98
22	....	171.19	176.94	187.33	....	208.24	205.70	196.74	202.69	....	196.52	192.73
23	....	171.78	178.58	....	196.18	207.88	....	195.23	202.56	....	196.68	192.75
24	160.72	173.83	179.41	....	198.24	208.51	....	193.08	....	193.20	Closed	....
25	162.32	173.89	179.15	185.96	200.01	....	206.31	193.16	....	193.56	197.30	....
26	162.76	....	....	187.78	200.35	....	207.48	193.81	203.07	192.46	....	Closed
27	165.01	....	....	187.79	200.39	206.03	204.85	....	201.13	191.54	....	193.53
28	165.49	172.72	178.01	189.11	....	202.36	202.08	....	200.67	190.45	197.06	193.43
29	....	....	177.72	190.52	....	202.86	199.38	193.40	200.12	....	198.31	193.38
30	....	....	179.05	....	Closed	204.69	....	193.96	199.13	....	197.98	194.35
31	166.31	....	179 25	....	198.38	....	....	195.53	....	189.84	....	....

AMERICAN STOCK EXCHANGE
1983 DAILY CLOSING MARKET VALUE INDEX

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	359.78	376.67	Closed	....	458.29	489.40	235.94	230.26	....	212.05	226.99
2	....	358.57	380.90	....	422.64	461.92	....	235.53	232.47	....	214.20	224.93
3	339.22	360.65	384.44	....	423.62	466.52	....	234.75	....	228.72	214.59	....
4	342.14	365.96	384.82	388.69	430.09	....	Closed	230.76	....	229.41	213.42	....
5	347.70	....	....	388.19	436.81	....	482.48	231.07	Closed	229.30	....	223.84
6	358.97	....	....	385.12	442.62	467.81	242.48*	....	235.24	231.07	....	223.05
7	362.51	369.62	386.36	386.01	....	464.86	247.43	....	235.90	232.27	212.43	222.89
8	....	369.32	382.56	389.14	....	460.60	245.72	227.59	235.94	....	212.52	222.20
9	....	370.53	386.45	....	444.37	461.33	....	225.76	235.57	....	215.28	222.14
10	369.47	376.06	386.83	....	448.98	465.48	....	227.53	....	232.84	216.30	....
11	368.35	377.52	385.23	393.28	448.09	....	246.61	228.52	....	231.31	218.79	....
12	367.61	....	....	396.39	446.93	....	242.44	229.42	234.62	229.34	....	221.78
13	365.99	....	....	399.98	451.96	469.95	240.92	....	232.43	228.60	....	221.53
14	368.20	380.20	383.42	404.21	....	470.80	242.61	....	232.51	228.04	219.97	220.23
15	....	384.72	383.15	407.12	....	475.99	240.60	231.85	232.09	....	218.38	219.59
16	....	383.78	381.64	....	446.20	478.13	....	230.30	232.92	....	219.58	219.62
17	370.69	382.54	379.11	....	449.85	480.64	....	232.07	....	227.96	219.94	....
18	371.73	383.99	381.13	408.86	452.67	....	239.12	230.98	....	223.93	219.46	....
19	368.53	....	....	407.97	449.25	....	240.71	231.01	235.92	220.76	....	218.67
20	371.40	....	....	413.19	449.61	482.71	245.33	....	237.63	220.54	....	217.40
21	365.56	Closed	382.50	413.45	....	488.70	246.17	....	236.46	218.25	220.31	218.65
22	....	374.04	382.43	416.93	....	490.43	247.62	231.66	237.47	....	221.02	219.10
23	....	374.89	384.44	....	452.10	488.09	....	229.86	236.52	....	221.34	219.82
24	352.43	379.64	385.00	....	458.60	492.76	....	228.22	....	217.06	Closed	....
25	352.48	378.03	386.03	414.39	462.71	....	247.07	226.48	....	217.18	222.57	....
26	354.72	....	....	418.76	463.64	....	249.01	226.81	236.67	215.11	....	Closed
27	359.49	....	....	418.92	463.38	486.34	244.39	....	234.51	213.63	....	220.09
28	359.89	373.20	383.54	423.34	....	475.75	241.24	....	233.67	213.43	220.70	220.29
29	....	....	383.76	426.38	....	478.53	238.38	227.00	232.50	....	225.42	221.21
30	....	....	387.01	....	Closed	484.63	....	227.77	230.28	....	225.56	223.01
31	362.39	....	389.08	....	460.72	....	....	230.14	....	211.77	....	....

*Index divided by 2 henceforth, compared to previous index.

NATIONAL ASSOCIATION OF SECURITIES DEALERS
1983 DAILY CLOSING NASDAQ COMPOSITE INDEX

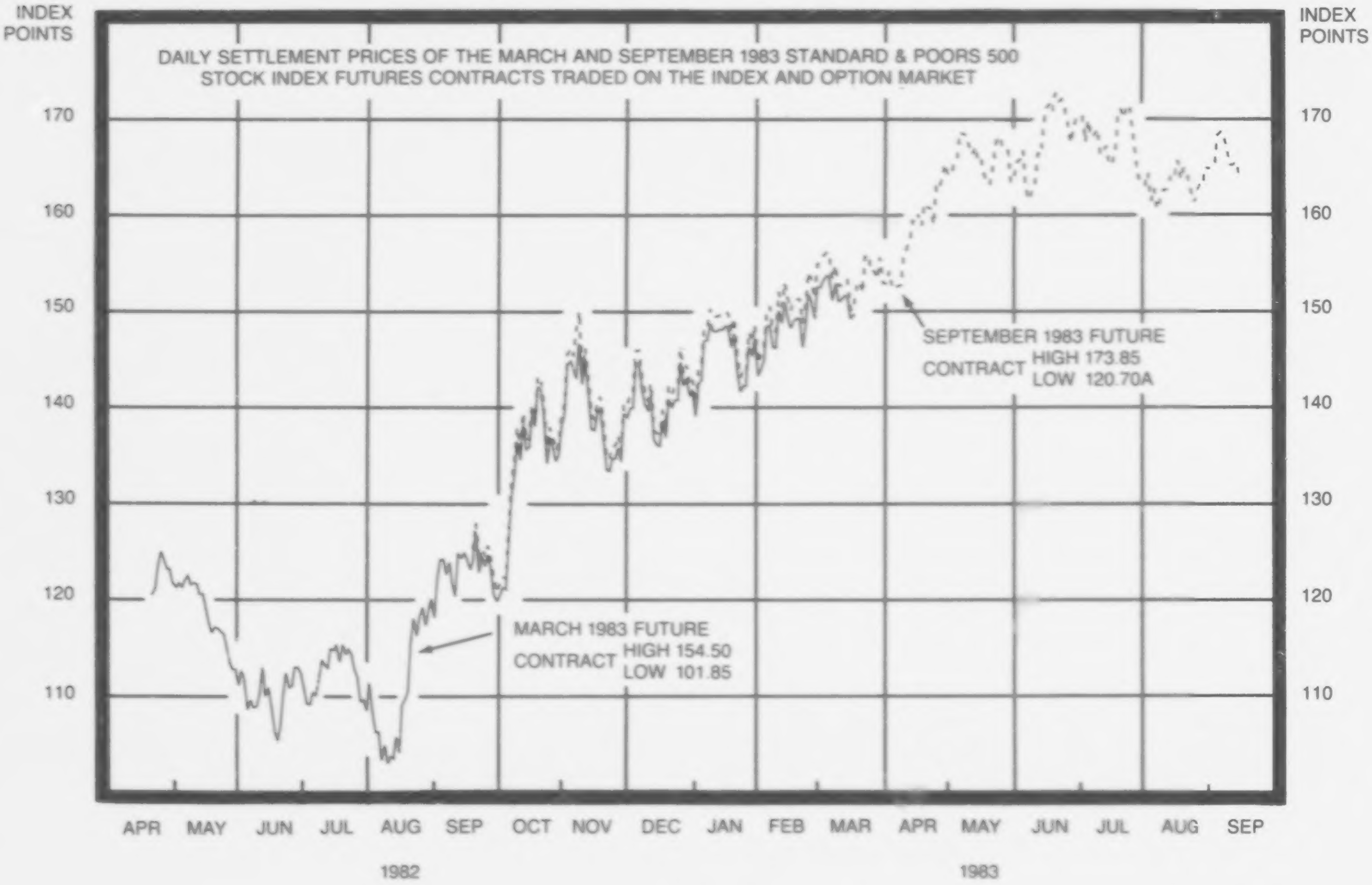
DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	....	248.15	261.82	Closed	....	307.95	321.58	302.08	294.55	....	273.04	286.07
2	....	248.28	263.36	....	290.54	310.45	....	303.18	297.85	....	275.18	283.91
3	230.59	249.44	265.21	....	289.65	313.85	....	303.82	....	294.64	274.86	....
4	231.64	251.65	265.94	268.73	293.21	....	Closed	299.74	....	294.81	273.17	....
5	232.73	....	....	268.83	297.32	....	317.15	300.23	Closed	294.57	....	282.49
6	236.61	....	....	266.47	301.64	315.48	319.14	....	301.23	295.78	....	282.05
7	238.60	252.02	265.39	266.74	....	314.17	320.03	....	300.76	297.36	271.12	282.15
8	....	251.10	263.16	268.10	....	312.49	319.57	294.93	301.79	....	269.57	280.57
9	....	251.38	265.06	....	302.65	312.74	....	294.25	302.23	....	271.00	280.51
10	240.94	254.77	266.08	....	304.34	315.24	....	296.65	....	297.42	273.08	....
11	240.85	256.64	266.18	270.81	302.89	....	320.38	297.56	....	295.41	277.13	....
12	242.90	....	....	272.73	302.15	....	316.93	299.58	300.76	291.59	....	279.94
13	243.48	....	....	275.93	303.94	318.05	314.59	....	297.93	290.44	....	278.92
14	245.63	258.67	264.34	278.81	....	320.04	315.49	....	298.34	290.04	279.51	276.42
15	....	259.06	264.25	281.60	....	322.04	312.87	301.77	297.19	....	278.92	275.35
16	....	259.07	264.66	....	299.60	326.50	....	299.85	298.27	....	279.94	276.01
17	247.14	259.00	264.01	....	301.02	326.11	....	300.84	....	289.69	281.26	....
18	246.70	261.29	265.01	282.83	303.51	....	310.29	299.78	....	283.62	281.28	....
19	245.20	....	....	281.86	302.82	....	311.17	299.10	301.83	279.85	....	275.58
20	245.99	....	....	284.81	303.56	324.63	316.76	....	303.36	281.25	....	274.51
21	243.97	Closed	266.33	286.84	....	325.96	319.29	....	303.26	279.49	283.05	275.63
22	....	259.18	267.52	288.55	....	328.19	320.71	298.76	304.56	....	284.55	276.21
23	....	259.99	269.26	....	303.86	327.33	....	293.66	303.61	....	284.69	276.54
24	236.73	262.31	270.37	....	307.36	328.91	....	290.86	....	276.81	Closed	....
25	239.19	262.44	270.83	286.58	309.16	....	320.84	289.53	....	278.60	285.49	....
26	241.43	....	....	288.11	311.39	....	320.38	290.31	303.77	277.85	....	Closed
27	245.44	....	....	288.93	312.05	324.34	315.04	....	300.78	277.50	....	276.68
28	246.93	260.67	269.15	290.84	....	315.87	308.47	....	299.76	276.14	284.47	276.57
29	....	....	268.77	293.06	....	316.24	303.96	289.36	299.29	....	285.62	277.06
30	....	....	270.78	....	Closed	318.70	....	289.86	296.65	....	285.67	278.60
31	248.35	....	270.80	....	308.73	....	....	292.42	....	274.55	....	....

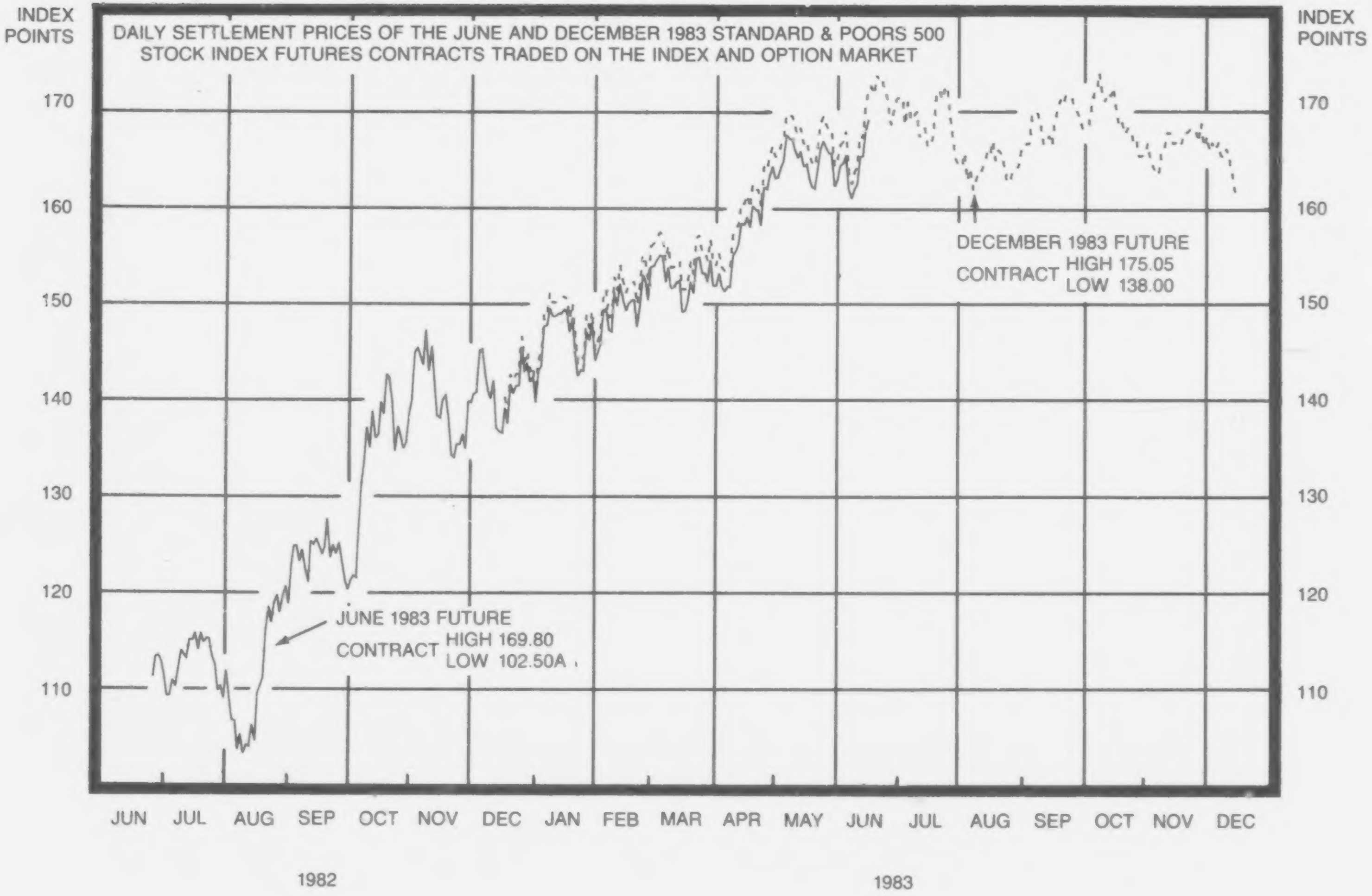
1983 CONSOLIDATED DAILY VOLUME OF STOCKS LISTED ON THE NEW YORK STOCK EXCHANGE (IN THOUSANDS)

DATE	JAN	FEB	MAR	APR	MAY	JNE	JLY	AUG	SEP	OCT	NOV	DEC
1	. . . .	82,750	103,750	Closed	. . . .	84,460	65,110	77,210	76,120	. . . .	84,460	106,970
2	. . . .	77,220	112,600	. . . .	88,170	89,750	. . . .	74,460	59,300	. . . .	95,210	95,300
3	59,080	78,890	114,440	. . . .	89,550	83,110	. . . .	80,370	. . . .	77,230	85,350	. . . .
4	75,530	87,000	90,930	66,010	101,690	. . . .	Closed	100,870	. . . .	90,270	72,080	. . . .
5	95,390	. . . .	. . . .	76,810	107,860	. . . .	67,320	67,850	Closed	101,710	. . . .	88,330
6	129,410	. . . .	. . . .	77,140	128,200	87,670	85,670	. . . .	87,500	118,270	. . . .	89,690
7	127,290	86,030	84,020	69,480	. . . .	88,550	97,130	. . . .	94,240	103,630	69,400	105,670
8	. . . .	76,580	79,410	67,710	. . . .	96,600	66,520	71,460	79,250	. . . .	64,900	96,530
9	. . . .	84,520	84,250	. . . .	93,670	87,440	. . . .	81,420	77,990	. . . .	83,100	98,280
10	101,890	93,510	95,410	. . . .	104,010	78,470	. . . .	82,900	. . . .	67,050	88,730	. . . .
11	98,250	86,700	67,240	81,440	99,820	. . . .	61,610	70,630	. . . .	79,510	74,270	. . . .
12	109,850	. . . .	. . . .	79,900	84,060	. . . .	70,220	71,840	114,020	75,630	. . . .	77,340
13	77,030	. . . .	. . . .	100,520	83,110	90,700	68,900	. . . .	73,970	67,750	. . . .	93,500
14	86,480	72,640	61,890	90,160	. . . .	97,710	83,500	. . . .	73,370	71,600	86,880	85,430
15	. . . .	89,040	62,410	89,590	. . . .	93,410	63,160	83,200	70,420	. . . .	77,840	88,300
16	. . . .	82,100	83,570	. . . .	76,250	124,560	. . . .	71,780	75,530	. . . .	83,380	81,030
17	89,210	74,930	70,290	. . . .	79,510	93,630	. . . .	87,800	. . . .	77,730	80,740	. . . .
18	78,380	77,420	75,110	88,560	99,780	. . . .	69,110	82,280	. . . .	91,080	88,280	. . . .
19	80,900	. . . .	. . . .	91,210	83,260	. . . .	74,030	58,950	85,630	107,790	. . . .	75,180
20	82,790	. . . .	. . . .	110,240	73,150	84,270	109,310	. . . .	103,050	86,000	. . . .	83,740
21	77,110	Closed	72,160	106,170	. . . .	102,880	101,830	. . . .	91,280	91,640	97,740	108,080
22	. . . .	84,080	79,610	92,270	. . . .	110,270	68,850	76,420	97,050	. . . .	117,550	106,260
23	. . . .	84,100	94,980	. . . .	97,880	89,590	. . . .	66,800	93,180	. . . .	108,080	62,710
24	90,800	113,220	92,340	. . . .	126,330	80,810	. . . .	72,200	. . . .	85,420	Closed	. . . .
25	79,740	100,970	77,330	90,150	137,900	. . . .	73,680	70,140	. . . .	82,530	57,820	. . . .
26	73,720	. . . .	. . . .	97,250	110,970	. . . .	91,280	61,650	86,400	79,570	. . . .	Closed
27	88,120	. . . .	. . . .	118,140	88,640	69,360	99,290	. . . .	81,100	79,570	. . . .	63,800
28	89,490	83,750	58,510	94,410	. . . .	82,730	78,410	. . . .	75,820	81,180	78,210	85,660
29	. . . .	. . . .	65,300	105,750	. . . .	81,580	95,240	53,030	73,730	. . . .	100,460	86,560
30	. . . .	. . . .	75,800	. . . .	Closed	76,310	. . . .	62,370	70,860	. . . .	120,130	71,840
31	67,140	. . . .	100,570	. . . .	73,910	. . . .	. . . .	80,800	. . . .	79,460	. . . .	. . . .

Section Five

CHARTS ON DAILY SETTLEMENT PRICE, MONTHLY VOLUME MONTHLY OPEN INTEREST

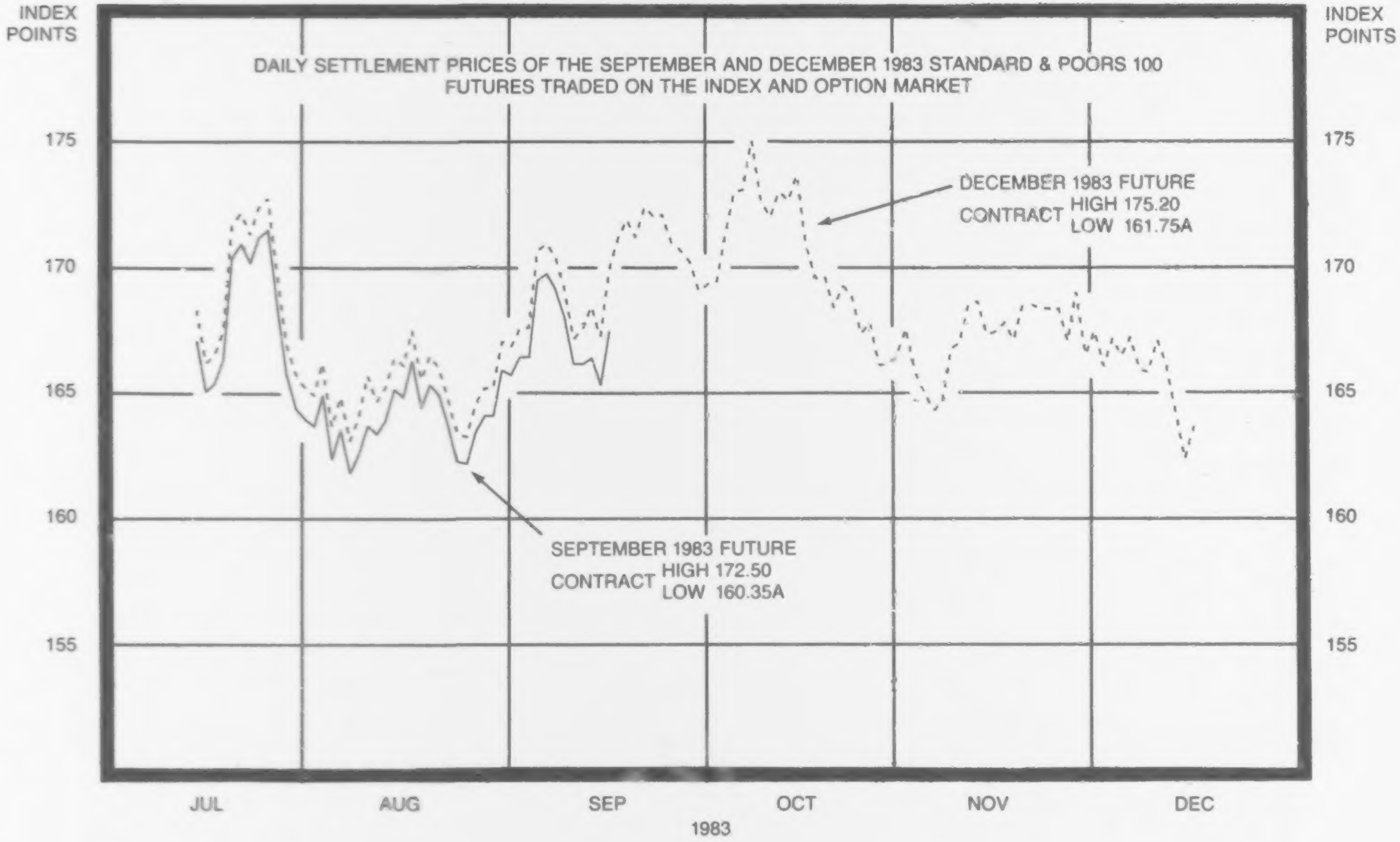

INDEX POINTS
INDEX POINTS
DAILY SETTLEMENT PRICES OF THE MARCH AND SEPTEMBER 1983 STANDARD & POORS 500 STOCK INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
170
160
150
140
130
120
110
SEPTEMBER 1983 FUTURE
CONTRACT HIGH 173.85
LOW 120.70A
MARCH 1983 FUTURE
CONTRACT HIGH 154.50
LOW 101.85
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
1982
1983



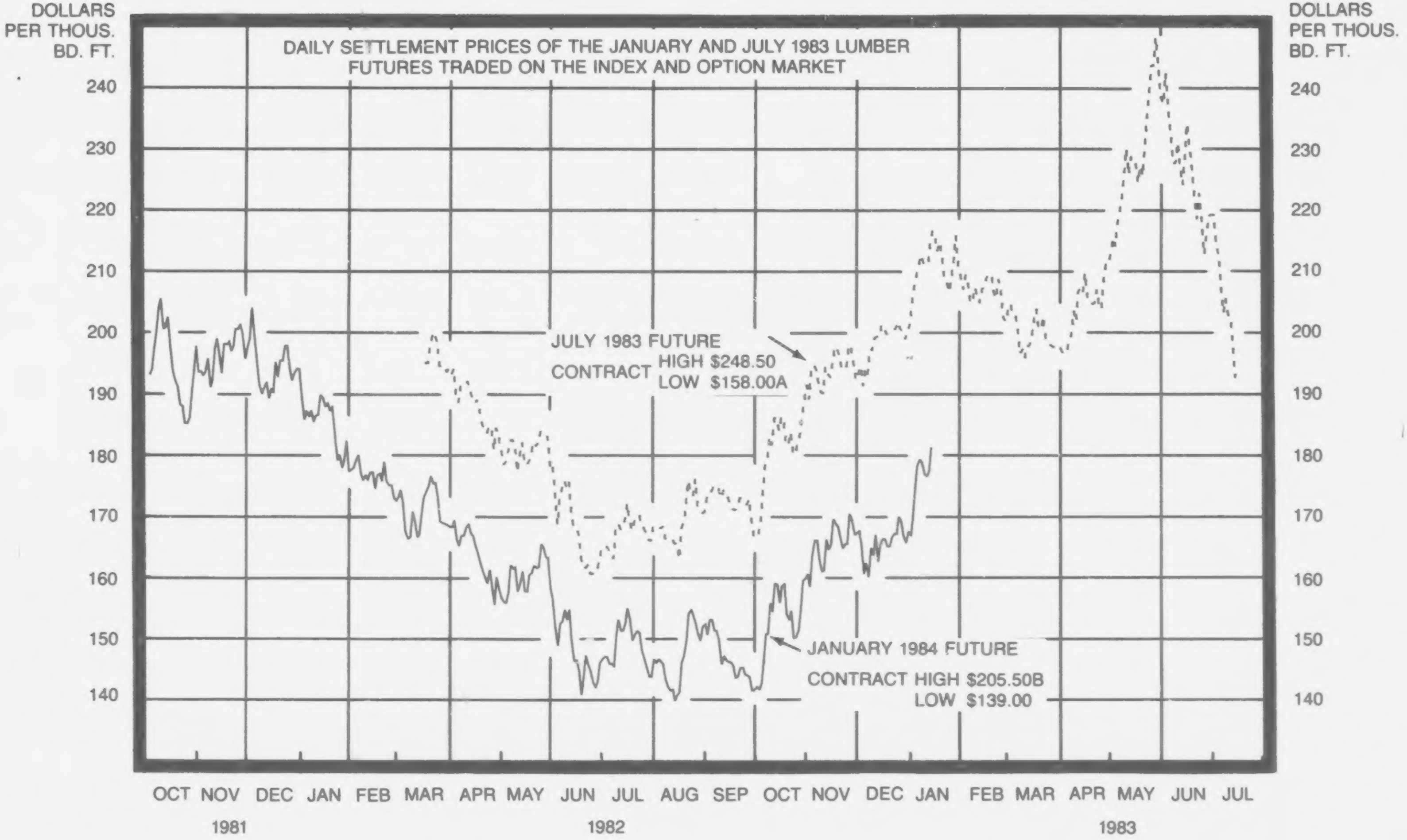
DAILY SETTLEMENT PRICES OF THE JUNE AND DECEMBER 1983 STANDARD & POORS 500 STOCK INDEX FUTURES CONTRACTS TRADED ON THE INDEX AND OPTION MARKET

JUNE 1983 FUTURE
CONTRACT HIGH 169.80
LOW 102.50A

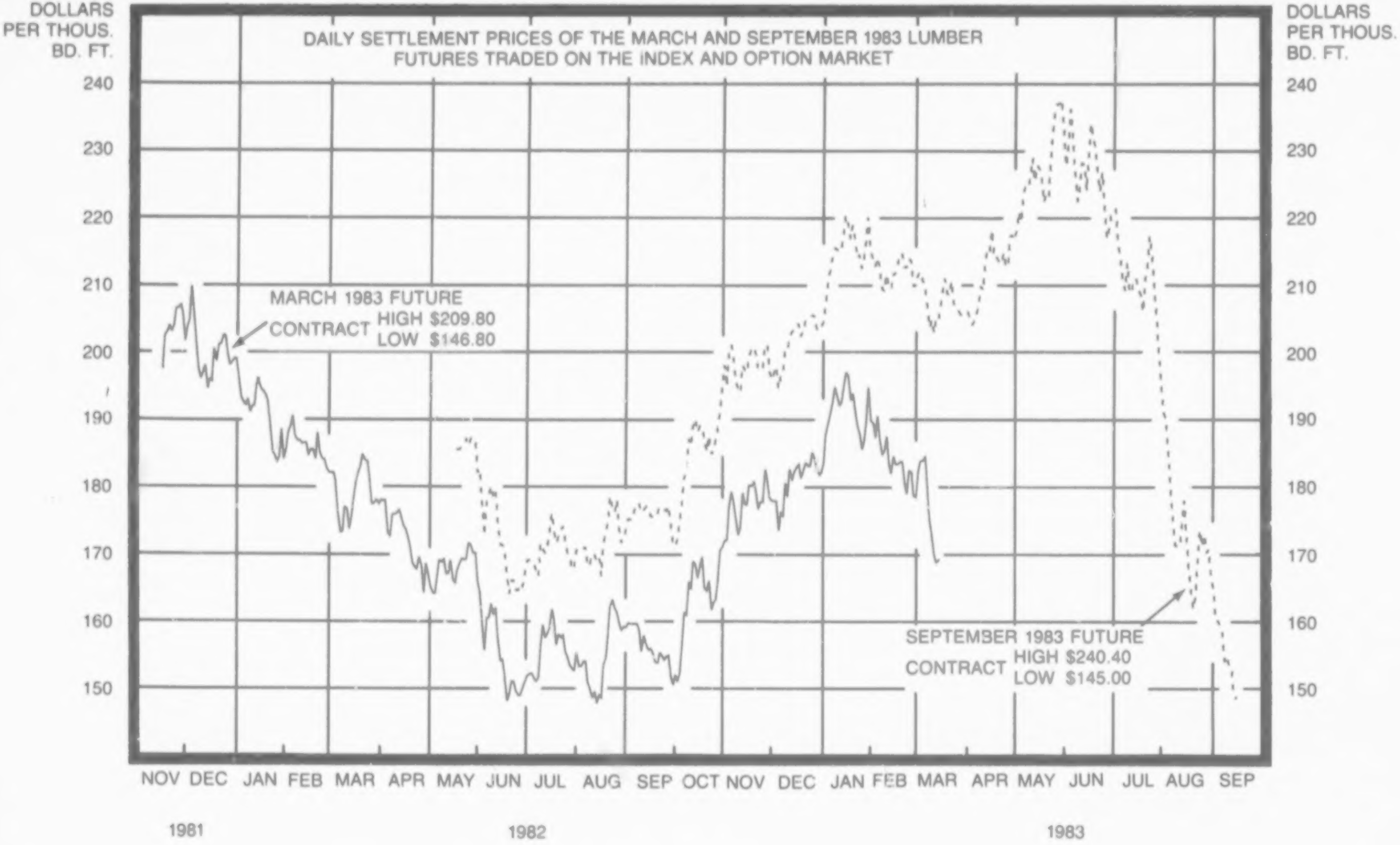
DECEMBER 1983 FUTURE
CONTRACT HIGH 175.05
LOW 138.00



DAILY SETTLEMENT PRICES OF THE SEPTEMBER AND DECEMBER 1983 STANDARD & POORS 100 FUTURES TRADED ON THE INDEX AND OPTION MARKET



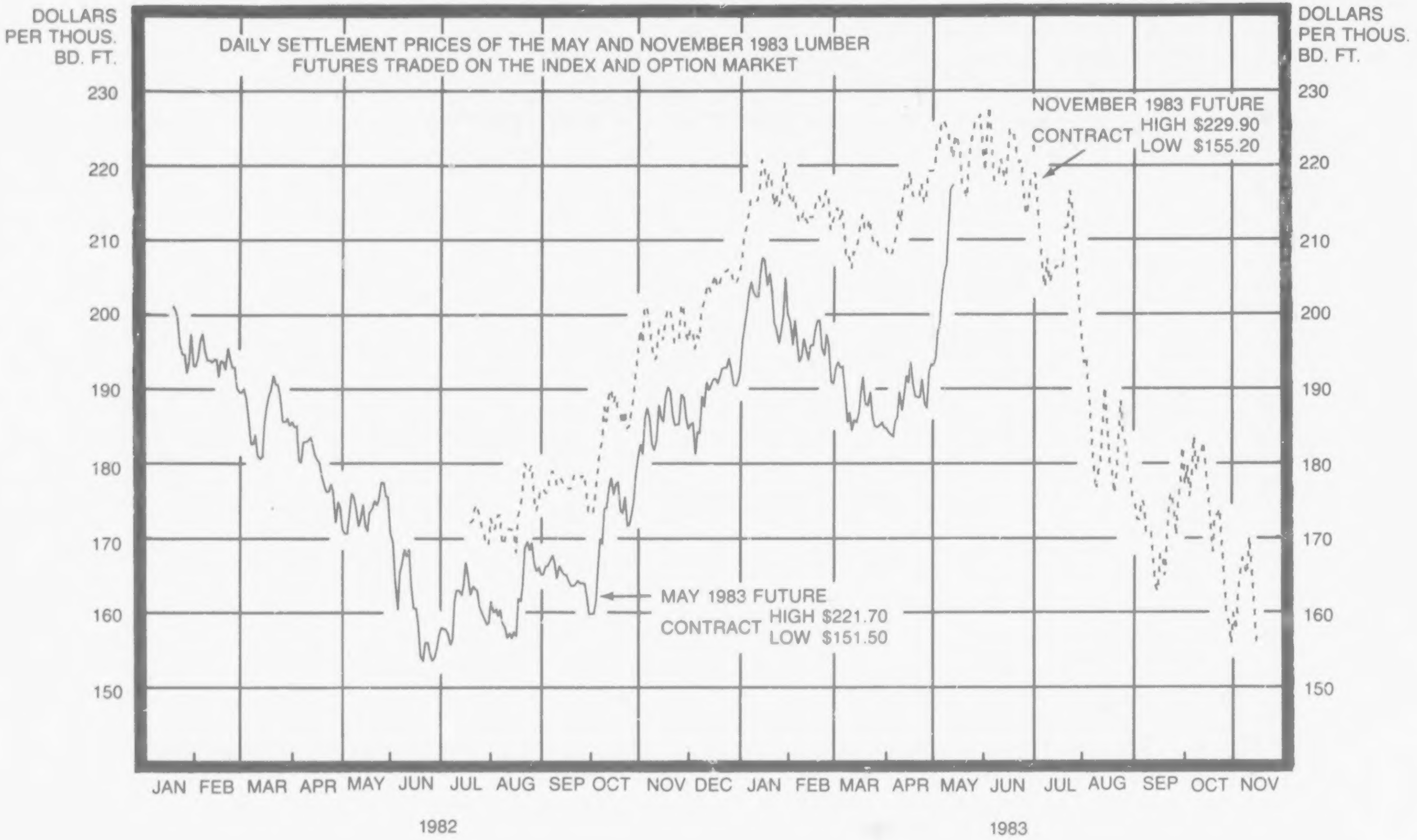
DAILY SETTLEMENT PRICES OF THE JANUARY AND JULY 1983 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET



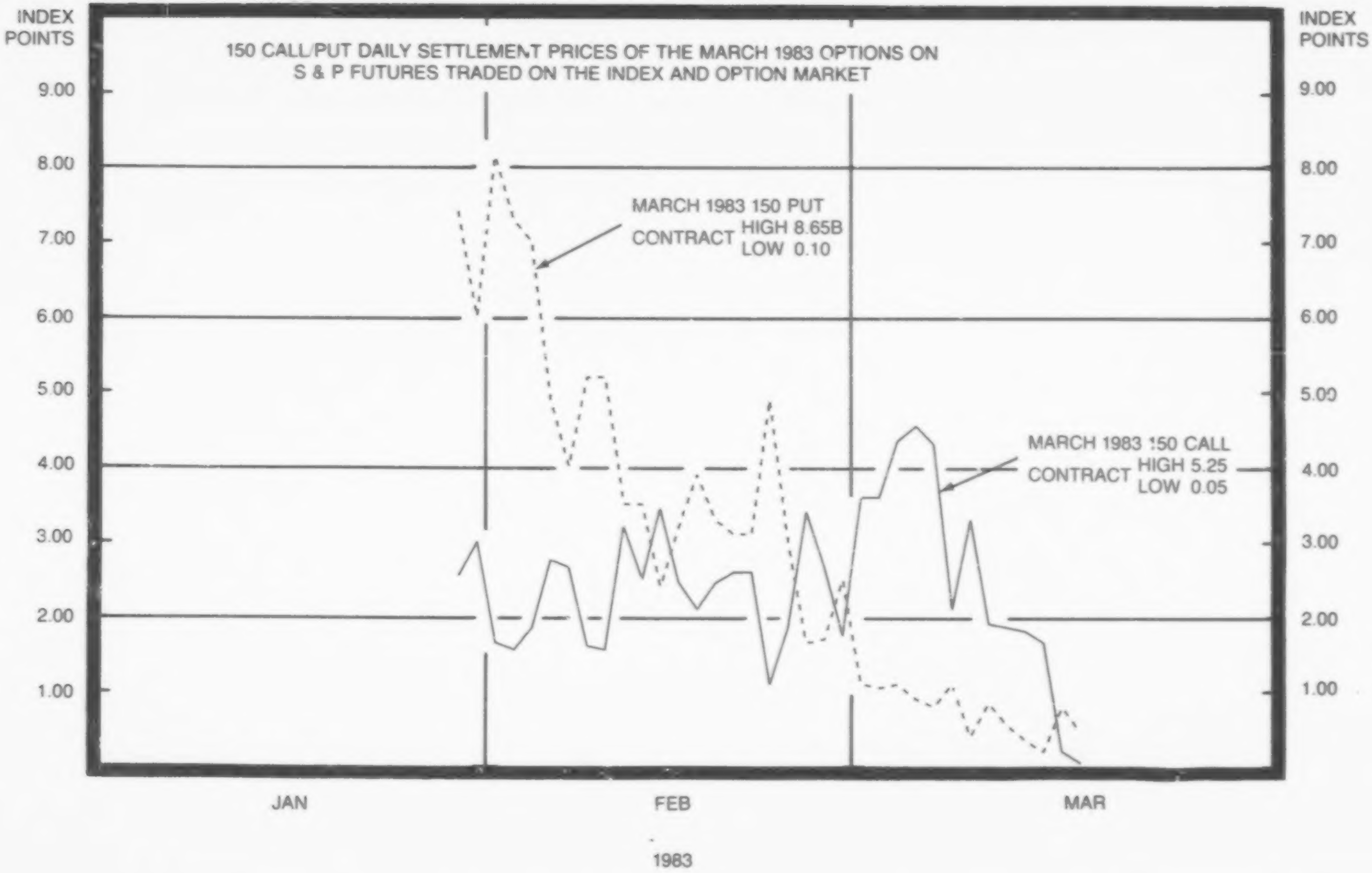
DAILY SETTLEMENT PRICES OF THE MARCH AND SEPTEMBER 1983 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET

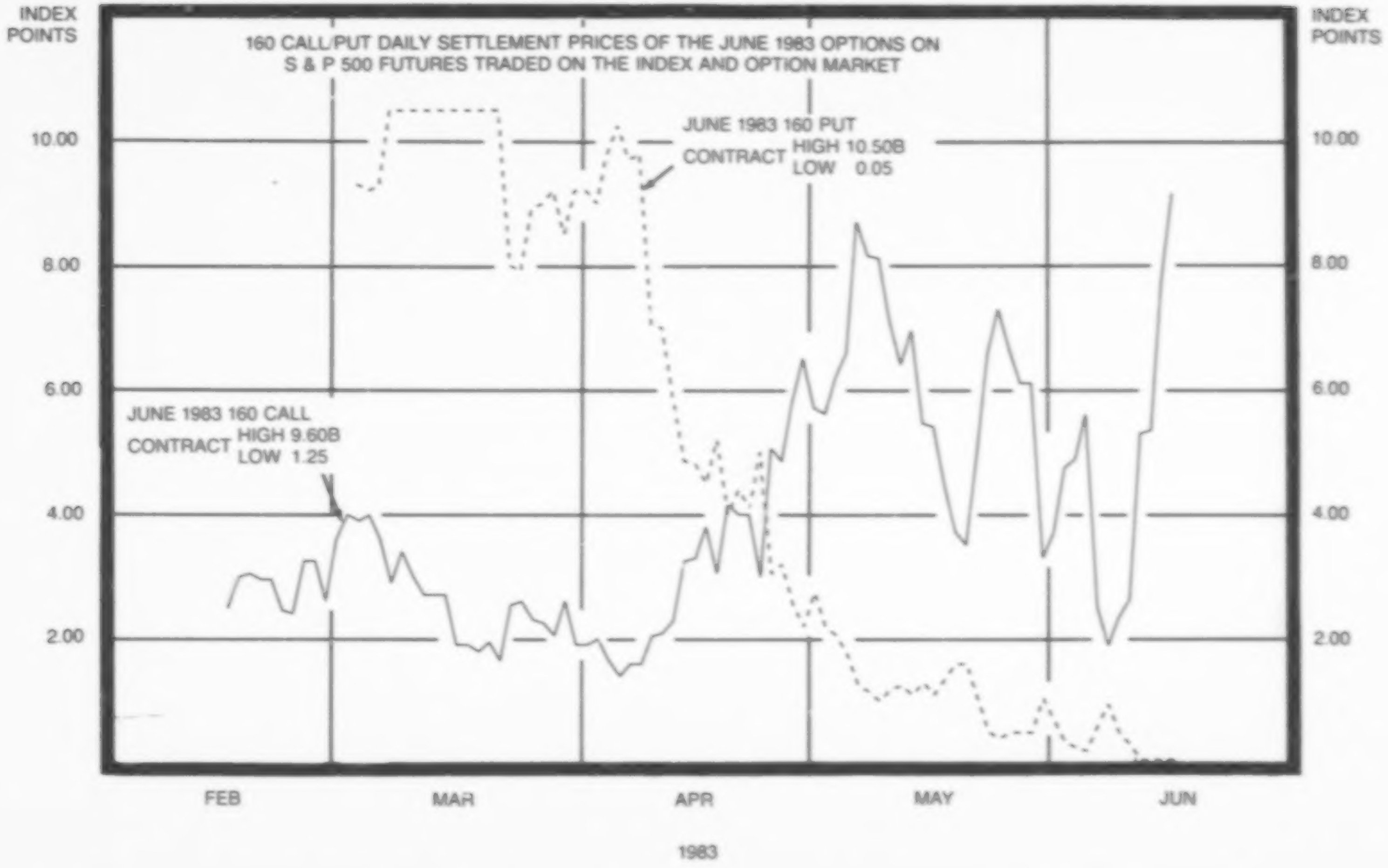
MARCH 1983 FUTURE CONTRACT HIGH $209.80 LOW $146.80

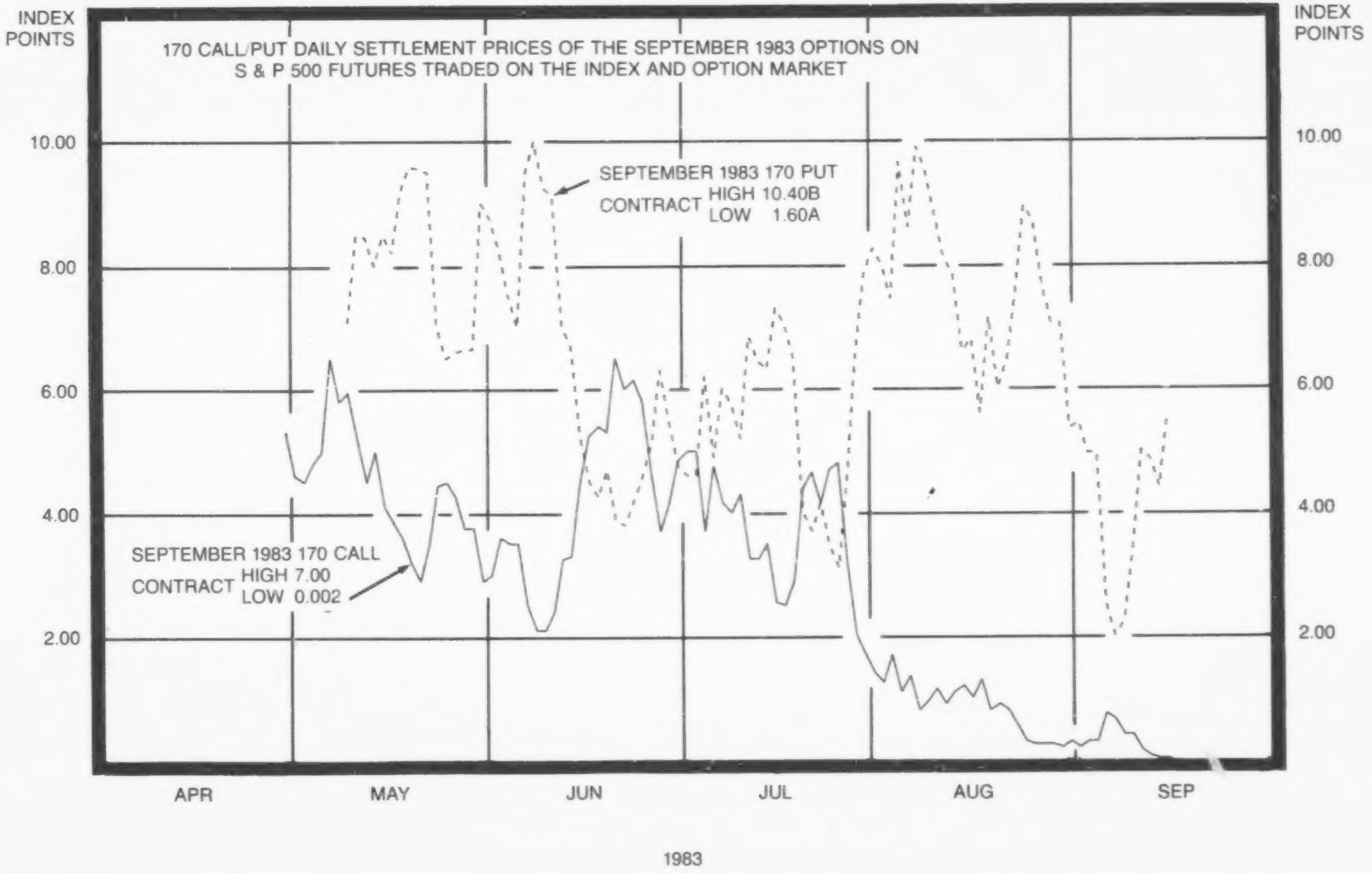
SEPTEMBER 1983 FUTURE CONTRACT HIGH $240.40 LOW $145.00



DAILY SETTLEMENT PRICES OF THE MAY AND NOVEMBER 1983 LUMBER FUTURES TRADED ON THE INDEX AND OPTION MARKET


150 CALL/PUT DAILY SETTLEMENT PRICES OF THE MARCH 1983 OPTIONS ON S & P FUTURES TRADED ON THE INDEX AND OPTION MARKET
INDEX POINTS
INDEX POINTS
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
MARCH 1983 150 PUT CONTRACT HIGH 8.65B LOW 0.10
MARCH 1983 150 CALL CONTRACT HIGH 5.25 LOW 0.05
JAN
FEB
MAR
1983

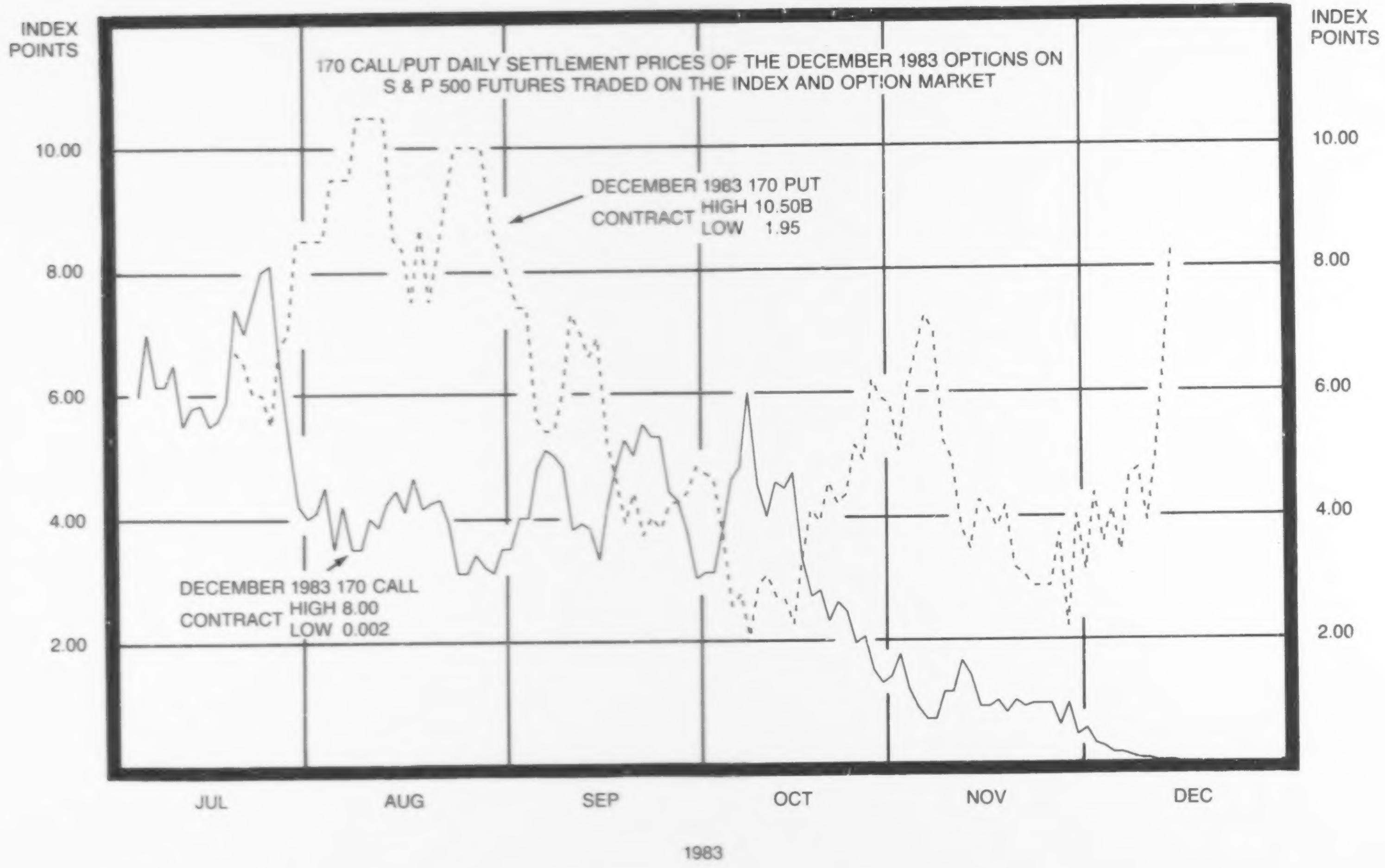

160 CALL/PUT DAILY SETTLEMENT PRICES OF THE JUNE 1983 OPTIONS ON
S & P 500 FUTURES TRADED ON THE INDEX AND OPTION MARKET
INDEX POINTS
INDEX POINTS
10.00
8.00
6.00
4.00
2.00
JUNE 1983 160 PUT
CONTRACT HIGH 10.50B
LOW 0.05
JUNE 1983 160 CALL
CONTRACT HIGH 9.60B
LOW 1.25
FEB
MAR
APR
MAY
JUN
1983

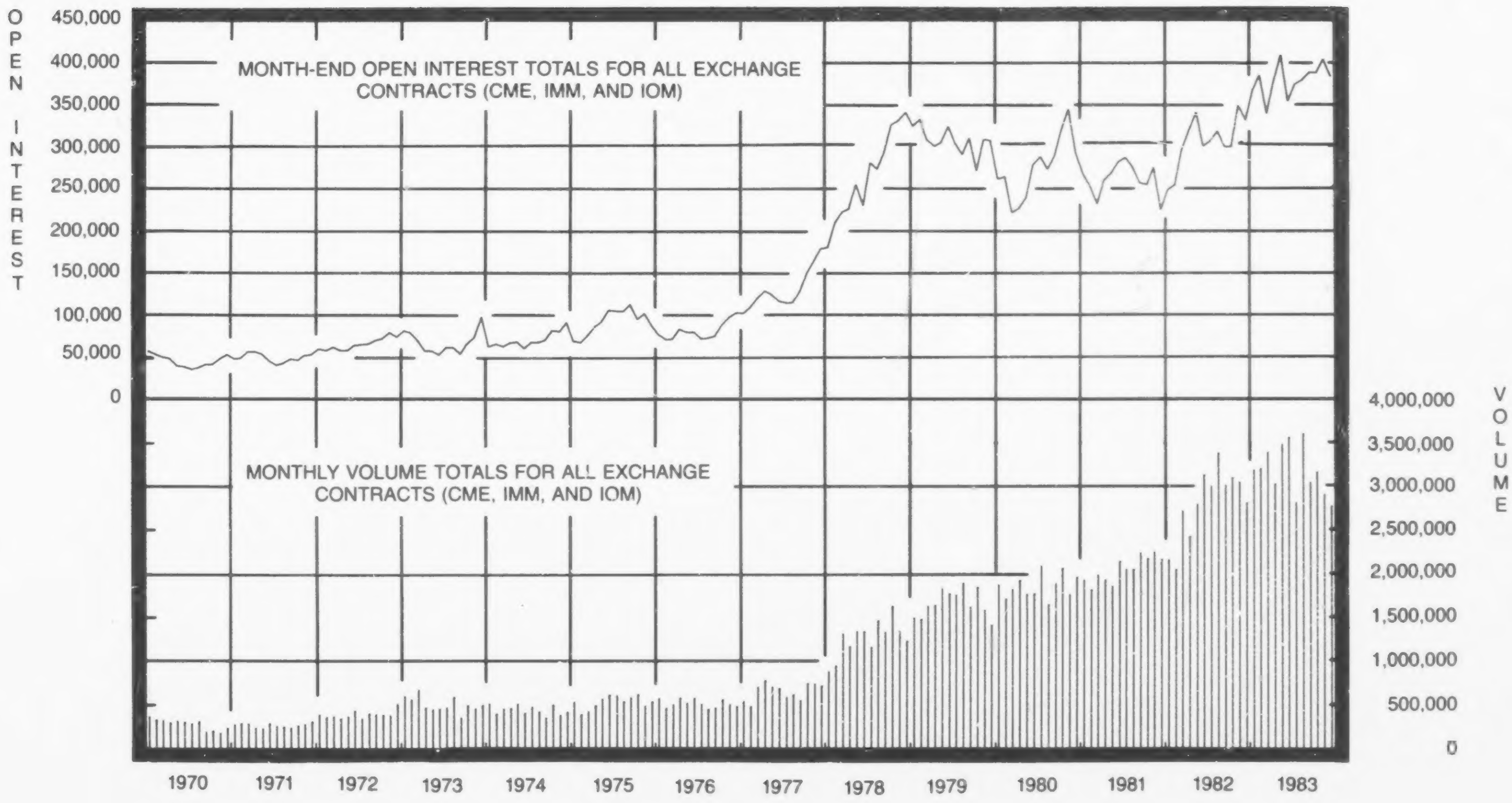


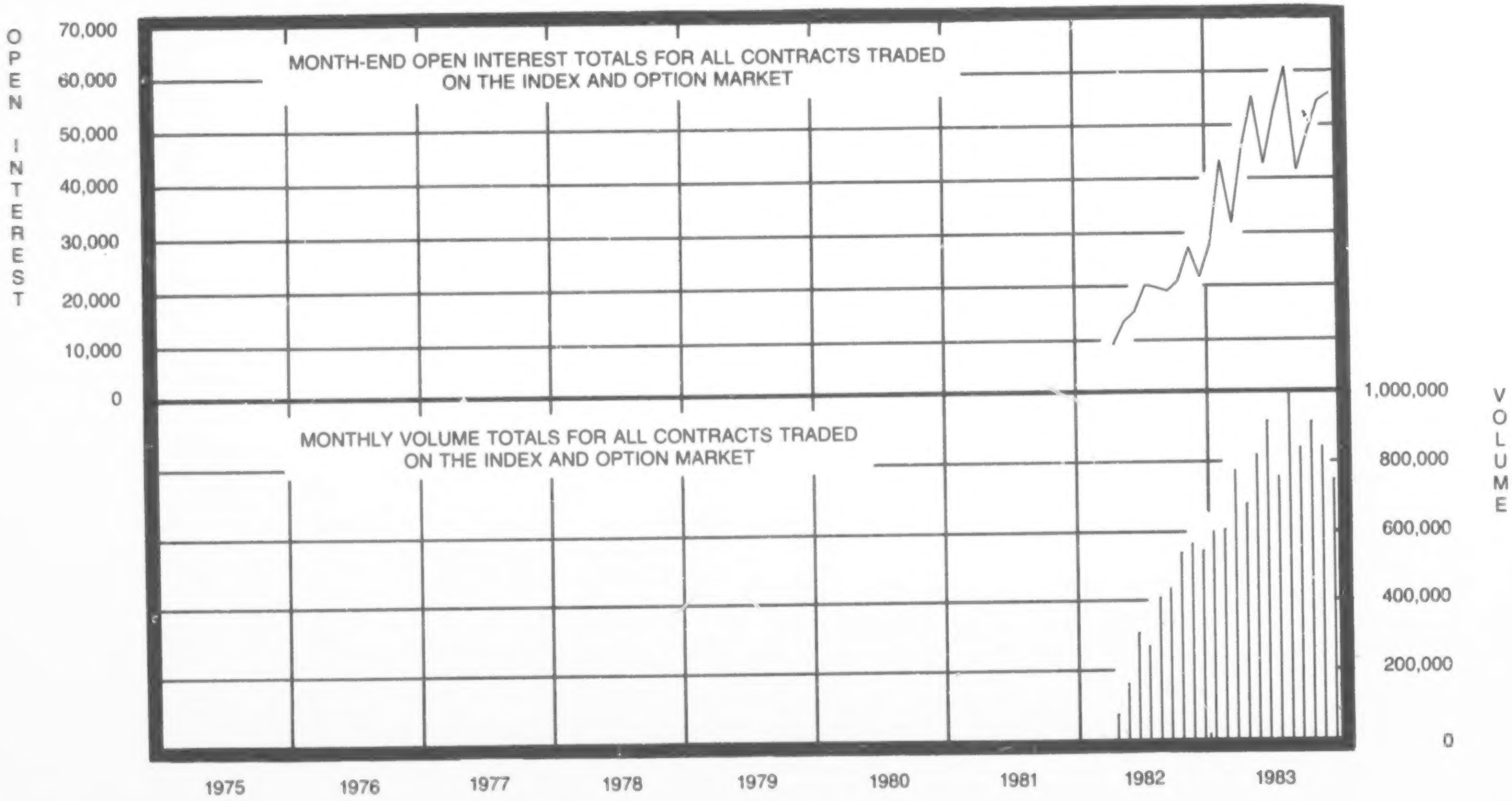
170 CALL/PUT DAILY SETTLEMENT PRICES OF THE SEPTEMBER 1983 OPTIONS ON S & P 500 FUTURES TRADED ON THE INDEX AND OPTION MARKET

SEPTEMBER 1983 170 PUT CONTRACT HIGH 10.40B LOW 1.60A

SEPTEMBER 1983 170 CALL CONTRACT HIGH 7.00 LOW 0.002


170 CALL/PUT DAILY SETTLEMENT PRICES OF THE DECEMBER 1983 OPTIONS ON S & P 500 FUTURES TRADED ON THE INDEX AND OPTION MARKET
INDEX POINTS
10.00
8.00
6.00
4.00
2.00
INDEX POINTS
10.00
8.00
6.00
4.00
2.00
DECEMBER 1983 170 PUT CONTRACT HIGH 10.50B LOW 1.95
DECEMBER 1983 170 CALL CONTRACT HIGH 8.00 LOW 0.002
JUL
AUG
SEP
OCT
NOV
DEC
1983


OPEN INTEREST
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
MONTH-END OPEN INTEREST TOTALS FOR ALL EXCHANGE CONTRACTS (CME, IMM, AND IOM)
MONTHLY VOLUME TOTALS FOR ALL EXCHANGE CONTRACTS (CME, IMM, AND IOM)
VOLUME
4,000,000
3,500,000
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983


OPEN INTEREST
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
MONTH-END OPEN INTEREST TOTALS FOR ALL CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
MONTHLY VOLUME TOTALS FOR ALL CONTRACTS TRADED ON THE INDEX AND OPTION MARKET
1,000,000
800,000
600,000
400,000
200,000
0
VOLUME
1975
1976
1977
1978
1979
1980
1981
1982
1983

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  - Daily Average (1983) 231
  - Daily Recap (1983) 231
  - Monthly Total (1982-1983) 252
  - Monthly High Total (1982-1983) 253
- Total all I.O.M. Futures Contracts:
  - Daily Average (1983) 232
  - Daily Recap (1983) 232
  - Monthly Total (1982-1983) 252
  - Monthly High Total (1982-1983) 253
- Total all I.O.M. Options Contracts:
  - Daily Average (1983) 233
  - Daily Recap (1983) 233
  - Monthly Total (1983) 252
  - Monthly High Total (1983) 253
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  - Daily Average (1983) 234
  - Daily Recap (1983) 234
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- Total all I.O.M. Futures Contracts:
  - Daily Average (1983) 243
  - Daily Recap (1983) 243
  - Month-End Total (1982-1983) 254
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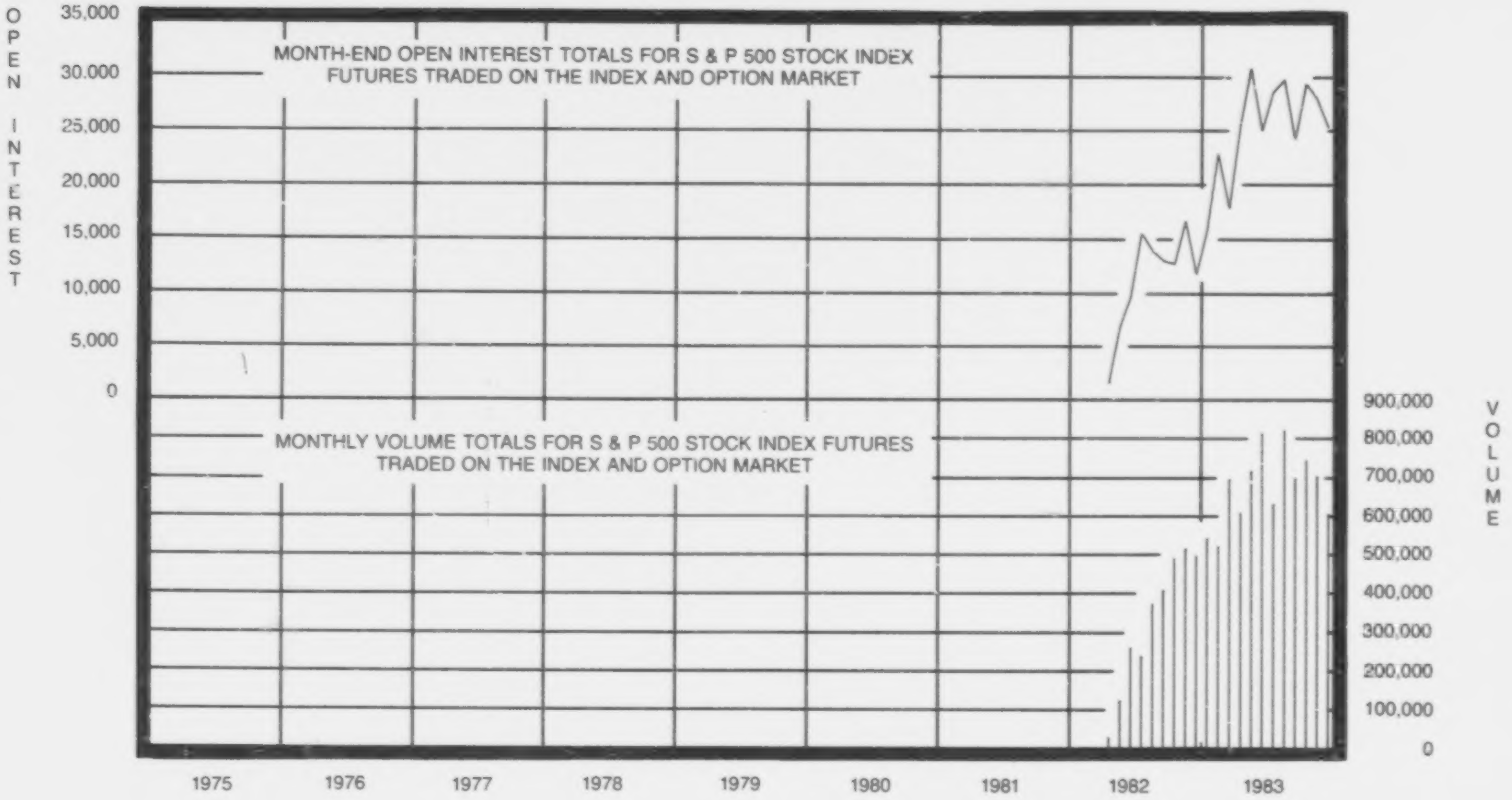
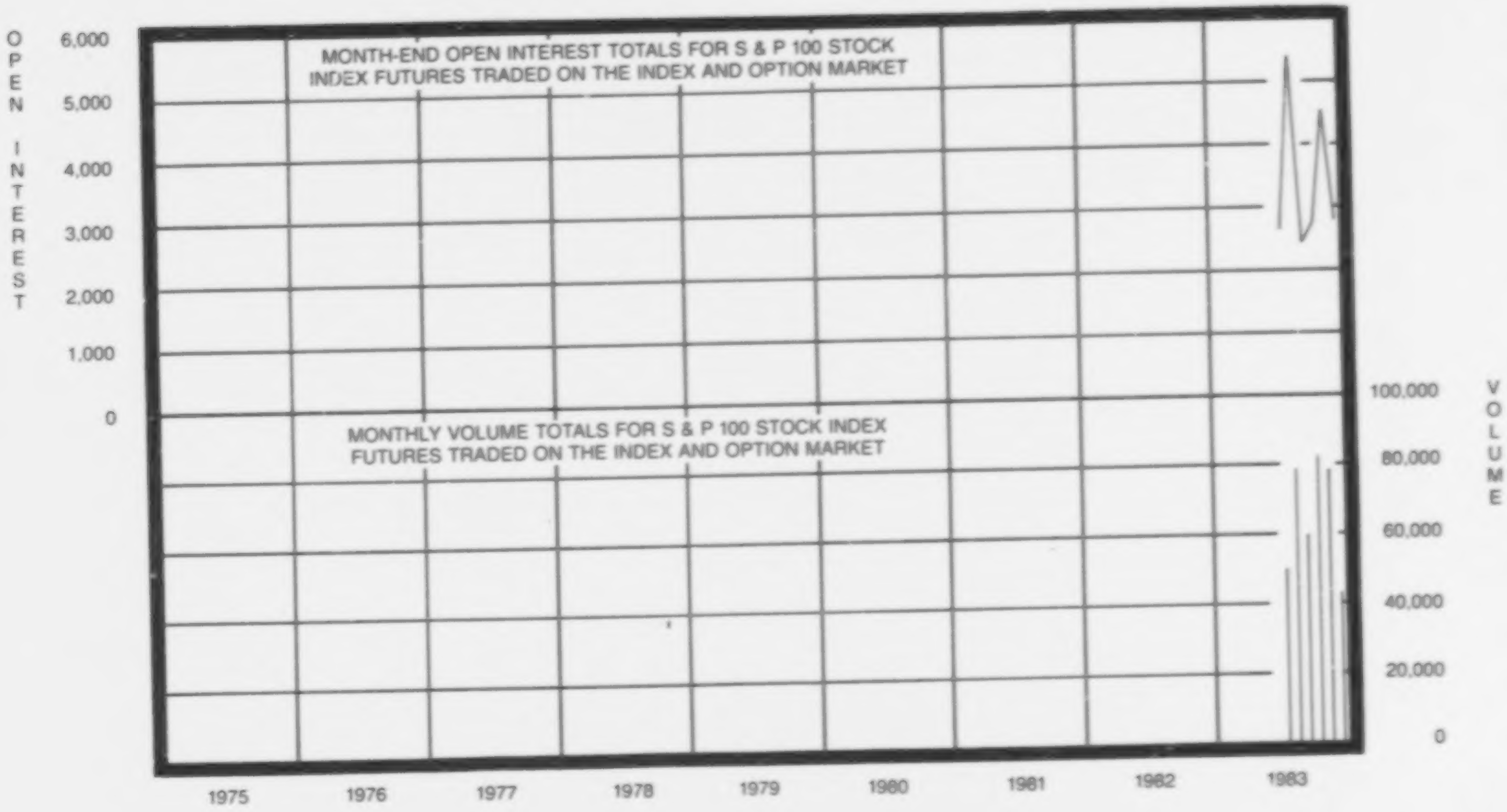
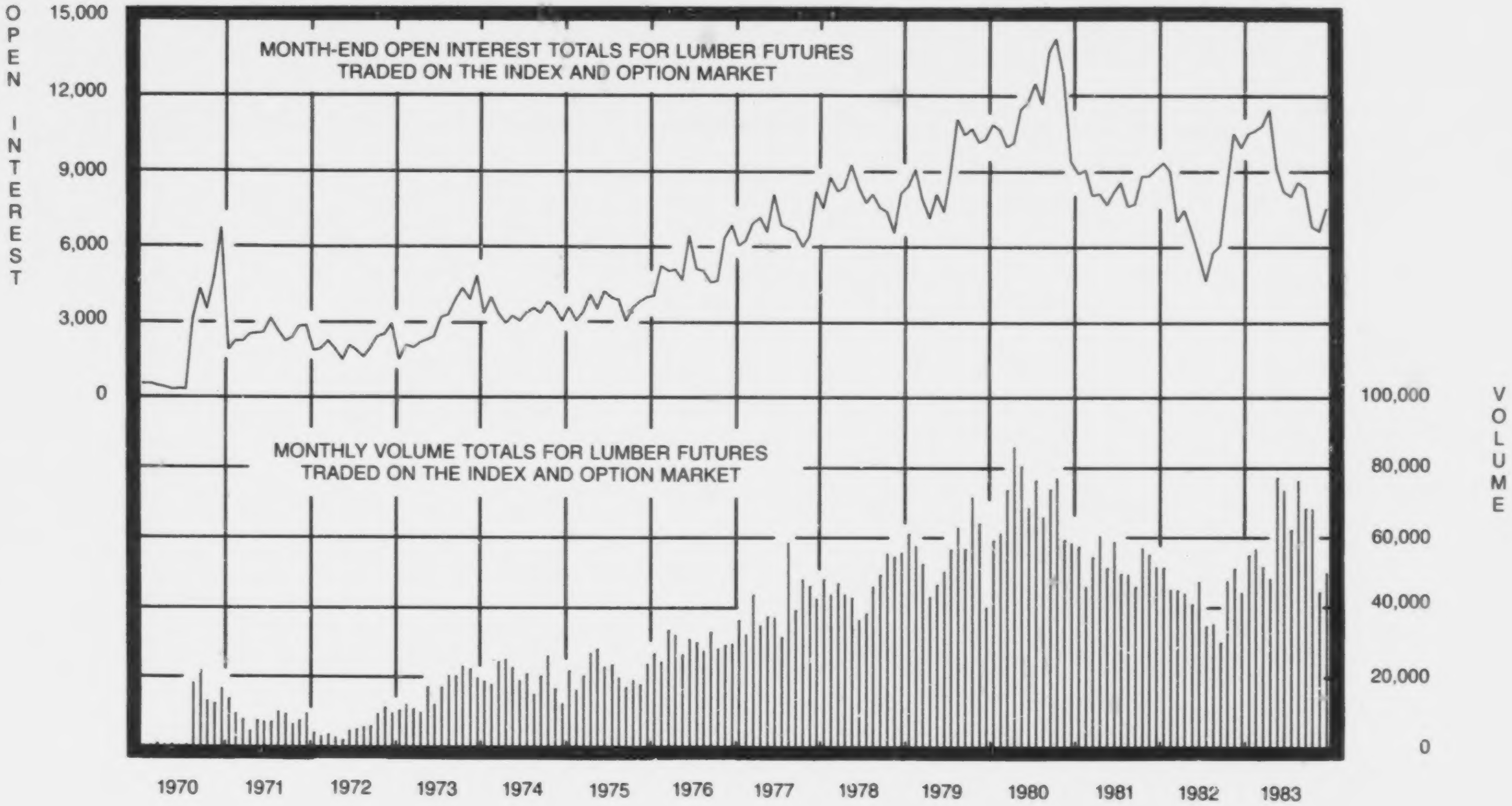
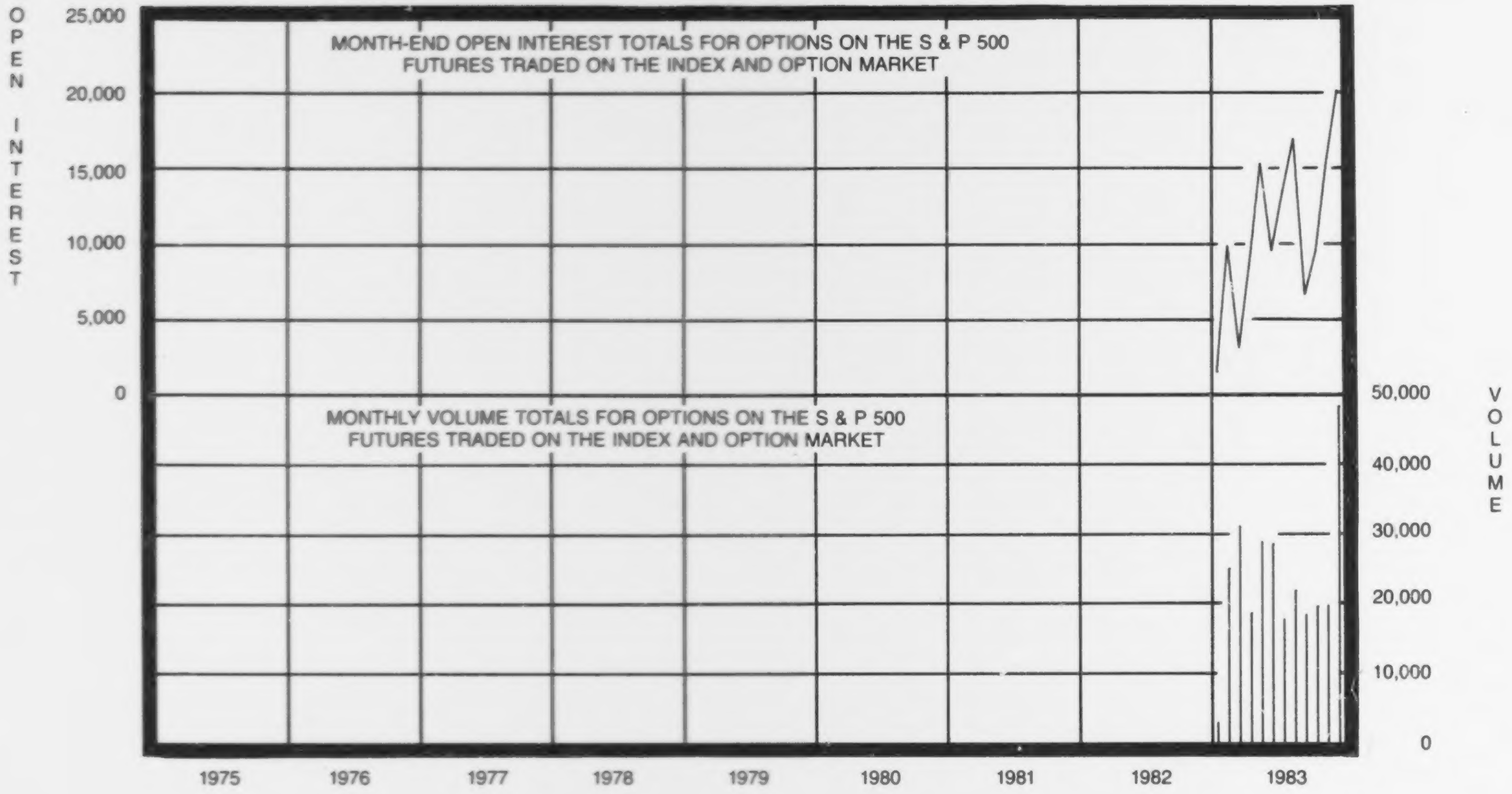

MONTH-END OPEN INTEREST TOTALS FOR S & P 500 STOCK INDEX FUTURES TRADED ON THE INDEX AND OPTION MARKET
OPEN INTEREST
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
MONTHLY VOLUME TOTALS FOR S & P 500 STOCK INDEX FUTURES TRADED ON THE INDEX AND OPTION MARKET
VOLUME
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
1975
1976
1977
1978
1979
1980
1981
1982
1983



MONTH-END OPEN INTEREST TOTALS FOR S & P 100 STOCK INDEX FUTURES TRADED ON THE INDEX AND OPTION MARKET

MONTHLY VOLUME TOTALS FOR S & P 100 STOCK INDEX FUTURES TRADED ON THE INDEX AND OPTION MARKET


MONTH-END OPEN INTEREST TOTALS FOR LUMBER FUTURES
TRADED ON THE INDEX AND OPTION MARKET
OPEN INTEREST
15,000
12,000
9,000
6,000
3,000
0
MONTHLY VOLUME TOTALS FOR LUMBER FUTURES
TRADED ON THE INDEX AND OPTION MARKET
VOLUME
100,000
80,000
60,000
40,000
20,000
0
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983


MONTH-END OPEN INTEREST TOTALS FOR OPTIONS ON THE S & P 500
FUTURES TRADED ON THE INDEX AND OPTION MARKET
MONTHLY VOLUME TOTALS FOR OPTIONS ON THE S & P 500
FUTURES TRADED ON THE INDEX AND OPTION MARKET
OPEN INTEREST
25,000
20,000
15,000
10,000
5,000
0
VOLUME
50,000
40,000
30,000
20,000
10,000
0
1975
1976
1977
1978
1979
1980
1981
1982
1983

STANDARD AND POOR'S 500 STOCK INDEX OPTION ON FUTURES—(Continued)

- Historic:
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- Total S & P 500 Options on Futures (Calls & Puts):
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  - Monthly Total (1983) 253
  - Monthly High Total (1983) 254
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  - Daily Average (1983) 239
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  - Monthly Total (1983) 253
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  - Monthly Total (1983) 253
  - Monthly High Total (1983) 254
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OPEN INTEREST:

- Total S & P 500 Options on Futures (Calls & Puts):
  - Daily Average (1983) 249
  - Daily Recap (1983) 249
  - Month-End Total (1983) 255
  - Monthly High Total (1983) 257
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  - Daily Average (1983) 250
  - Daily Recap (1983) 250
  - Month-End Total (1983) 255
  - Monthly High Total (1983) 257
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  - Daily Recap (1983) 251
  - Month-End Total (1983) 255
  - Monthly High Total (1983) 257
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